Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 12 March 21, 2017 Vol. 145 No. 12 le 21 mars 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,676,717
2,676,720
2,897,381

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,676,717
2,676,720
2,897,381

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee **$800**
(Rule 58)

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire **800 $**
(Règle 58)

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

2. Service *Courrier recommandé*[MC] et *Xpresspost*[MC] de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*[MC] et *Xpresspost*[MC] de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*[MC] et *Xpresspost*[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 21, 2017 contains applications open to public inspection from March 5, 2017 to March 11, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 21 mars 2017 contient les demandes disponibles au public pour consultation pour la période du 5 mars 2017 au 11 mars 2017.

Canadian Patents Issued

March 21, 2017

Brevets canadiens délivrés

21 mars 2017

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[13] A1
[51] **Int.Cl. C12Q 1/60 (2006.01)**
[25] EN
[54] **METHODS FOR QUANTITATING HIGH-DENSITY LIPOPROTEIN CHOLESTEROL**
[54] **METHODES DE QUANTIFICATION DE CHOLESTEROL DES LIPOPROTEINES DE HAUTE DENSITE**
[72] NAKANISHI, KAZUO, JP
[72] NAKAMURA, MITSUHIRO, JP
[72] HINO, KOICHI, JP
[72] MANABE, MITSUHISA, JP
[73] SEKISUI MEDICAL CO., LTD., JP
[85] 2000-02-25
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[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/08 (2006.01) A61K 39/40 (2006.01) C07K 1/00 (2006.01) C07K 14/33 (2006.01) C07K 16/00 (2006.01) C07K 16/12 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **PASSIVE IMMUNIZATION AGAINST CLOSTRIDIUM DIFFICILE DISEASE**
[54] **IMMUNISATION PASSIVE CONTRE LA MALADIE DE CLOSTRIDIUM DIFFICILE**
[72] THOMAS, WILLIAM D., JR., US
[72] GIANNASCA, PAUL, US
[72] ZHANG, ZHENXI, US
[72] LEI, WENDE, US
[72] MONATH, THOMAS P., US
[73] SANOFI PASTEUR BIOLOGICS, LLC, US
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[25] EN
[54] **VASCULAR ENDOTHELIAL CELL GROWTH FACTOR VARIANTS AND USES THEREOF**
[54] **VARIANTS DU FACTEUR DE CROISSANCE ENDOTHELIALE ET UTILISATIONS CORRESPONDANTES**
[72] CUNNINGHAM, BRIAN, US
[72] DEVOS, ABRAHAM, US
[72] LI, BING, US
[73] GENENTECH, INC., US
[85] 2001-10-11
[86] 2000-04-10 (PCT/US2000/009483)
[87] (WO2000/063380)
[30] US (60/129,788) 1999-04-16
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[13] A1
[51] **Int.Cl. G01N 27/00 (2006.01) G01N 27/401 (2006.01)**
[25] EN
[54] **NOVEL REFERENCE ELECTRODE HAVING A MICROFLUIDIC FLOWING LIQUID JUNCTION**
[54] **NOUVELLE ELECTRODE DE REFERENCE A JONCTION A ECOULEMENT LIQUIDE MICROFLUIDIQUE**
[72] BROADLEY, SCOTT T., US
[72] RAGSDALE, STEVEN R., US
[72] SILVERMAN, HERBERT P., US
[73] BROADLEY TECHNOLOGIES CORPORATION, US
[85] 2002-09-11
[86] 2001-12-10 (PCT/US2001/047747)
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[51] **Int.Cl. C22C 9/06 (2006.01) B22D 11/06 (2006.01)**
[25] EN
[54] **CASTING ROLL FOR A TWO-ROLL CONTINUOUS CASTING INSTALLATION**
[54] **ROULEAU ENDUCTEUR POUR INSTALLATION DE MOULAGE EN CONTINU A DEUX CYLINDRES**
[72] RODE, DIRK, DE
[72] RIECHERT, FRED, DE
[72] HELMENKAMP, THOMAS, DE
[72] WOBKER, HANS-GUNTER, DE
[73] KME GERMANY GMBH & CO. KG, DE
[86] (2410245)
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[22] 2002-10-28
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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/32 (2012.01)**
[25] EN
[54] **PAID SEARCH ENGINE BID MANAGEMENT**
[54] **GESTION DES OFFRES DE SOUMISSION DES MOTEURS DE RECHERCHE PAYANTS**
[72] VELEZ, JUAN CARLOS, US
[72] MURRER, DAREN PAUL, US
[73] PAID SEARCH ENGINE TOOLS, L.L.C., US
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[51] **Int.Cl. C07K 16/00 (2006.01) A61K 9/16 (2006.01) A61K 39/395 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2017.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **CRYSTALS OF WHOLE ANTIBODIES AND FRAGMENTS THEREOF AND METHODS FOR MAKING AND USING THEM**
[54] **CRISTAUX D'ANTICORPS ENTIERS ET FRAGMENTS D'ANTICORPS ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] SHENOY, BHAMI, US
[72] GOVARDHAN, CHANDRIKA P., US
[72] YANG, MARK X., US
[72] MARGOLIN, ALEXEY L., US
[73] AJINOMOTO ALTHEA, INC., US
[85] 2003-06-25
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[13] A1
[51] **Int.Cl. A61J 17/02 (2006.01)**
[25] EN
[54] **TEETHER**
[54] **ANNEAU DE DENTITION**
[72] SANBROOK, PETER NEWTON, AU
[72] WIEBENGA, ROD ANTHONY, AU
[72] LERPINIERE, BARBARA, AU
[73] JACKEL INTERNATIONAL LIMITED, GB
[85] 2004-07-29
[86] 2003-02-05 (PCT/AU2003/000116)
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[30] AU (PS 0322) 2002-02-05

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[13] A1
[51] **Int.Cl. H04W 36/18 (2009.01)**
[25] EN
[54] **SOFT HANDOFF ACROSS DIFFERENT NETWORKS ASSISTED BY AN END-TO-END APPLICATION PROTOCOL**
[54] **TRANSFERT INTERCELLULAIRE SANS COUPURE ENTRE RESEAUX DISTINCTS ASSISTE PAR UN PROTOCOLE D'APPLICATION DE BOUT EN BOUT**
[72] LI, PENG, US
[72] MAHENDRAN, ARUNGUNDRAM C., US
[73] QUALCOMM INCORPORATED, US
[85] 2005-08-11
[86] 2004-02-12 (PCT/US2004/004600)
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[30] US (10/366,454) 2003-02-12

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[54] **DISPOSITIFS D'ELECTROPORATION ET LEURS PROCEDES D'UTILISATION POUR L'ELECTROPORATION DE CELLULES DE MAMMIFERES**
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[72] PALATAS, MIKE, US
[72] CUTRER, L. MICHAEL, US
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[54] **METHODE ET SYSTEME DE PRODUCTION DE VAPEUR PAR UTILISATION DU FLUX ASCENDANT, SANS DECHARGE DE DECHETS LIQUIDES**
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[54] **STRUCTURE COMPOSITE DE COLLAGENE/HYDROXYAPATITE ET SON PROCEDE DE PRODUCTION**
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[54] **ENSEMBLE D'EXCITATION COMPACT POUR LA GENERATION D'UNE POLARISATION CIRCULAIRE DANS UNE ANTENNE ET PROCEDE D'ELABORATION D'UN TEL ENSEMBLE D'EXCITATION COMPACT**
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[72] LEPELTIER, PHILIPPE, FR
[72] LASSERRE, ALAIN, FR
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[54] **PROCEDE DE PRODUCTION D'HYDROGENE AVEC CAPTATION TOTALE DU CO2 ET RECYCLAGE DU METHANE NON CONVERTI**
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[54] **PROTEINES DE TOXINES ACTIVES D'HEMIPTEROIDES ET DE COLEOPTERES PROVENANT DU BACILLUS THURINGIENSIS**
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[54] **DISPOSITIF DIVISEUR**
[72] SUNDSTROEM, ERIK, SE
[72] AKESSON, ELISABET, SE
[72] LAURELL, THOMAS, SE
[72] WALLMAN, LARS, SE
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[54] **PROCEDE ET APPAREIL PERMETTANT A UN APPELANT DE LAISSER UN MESSAGE VOCAL A UN APPELE EN REPONSE A UNE COMMANDE FOURNIE PAR L'APPELANT**
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[72] NGUYEN, LUAN CAO TUONG, CA
[72] ARSENAULT, JONATHAN ALLAN, CA
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[72] BENHAM, ELIZABETH A., US
[72] CYMBALUK, TED H., US
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[54] **COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES MOUSSANTES A BASE DE PETROLATUM, SENSIBLEMENT NON AQUEUSES ET LEURS UTILISATIONS**
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[72] FRIEDMAN, DORON, IL
[72] ZIV, ENBAL, IL
[72] EINI, MEIR, IL
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[72] VANDAHL, BRIAN BERG STIDSEN, DK
[72] BOLT, GERT, DK
[72] STEENSTRUP, THOMAS DOCK, DK
[73] NOVO NORDISK A/S, DK
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[54] **COMPOSES AMIDES, COMPOSITIONS A BASE DE CES COMPOSES ET LEURS UTILISATIONS**
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[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[72] HESS, MARTIN, DE
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[72] HAYDEN, SHAUNA L., US
[72] PIERCE, KIMBERLY A., US
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[72] CHAO, YU-SHENG, US
[72] TSAI, TING-YUEH, TW
[72] HSU, TSU, TW
[73] NATIONAL HEALTH RESEARCH INSTITUTES, TW
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **IKKI INHIBITOR THERAPIES AND SCREENING METHODS, AND RELATED IKKI DIAGNOSTICS**
[54] **THERAPIES INHIBITRICES D'IKKI ET PROCEDES DE CRIBLAGE, ET DIAGNOSTICS D'IKKI APPARENTES**
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[72] BAZUINE, MERLIJN, US
[72] CHIANG, SHIAN-HUEY, US
[72] LUMENG, CAREY, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[73] SALTIEL, ALAN, ZZ
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[72] EDWARDS, JOHN LALANDE, GB
[72] TEMPERLY, JOHN, GB
[72] BIRD, ROBERT, GB
[72] BRADLEY, PAUL CHRISTOPHER, GB
[72] JONES, ANTHONY G., GB
[73] TIOXIDE EUROPE LIMITED, GB
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[72] BUNYK, PAUL, CA
[72] NEUFELD, RICHARD DAVID, CA
[72] MAIBAUM, FELIX, DE
[73] BUNYK, PAUL, CA
[73] D-WAVE SYSTEMS INC., CA
[73] NEUFELD, RICHARD DAVID, CA
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[72] TANG, WEIDONG, US
[72] BROWNSTONE, DANIEL R., US
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[72] DILLON, HARRISON FIELDS, US
[72] BROOKS, GEOFFREY, US
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[72] CALIGNANO, ANTONIO, IT
[72] MAZZONI, ORIETTA (EREDI), IT
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[72] VALEUR, ERIC, FR
[72] CHARON, CHRISTINE, FR
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[72] NIKLASSON, MIKAEL, SE
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[72] SHAKESPEARE, WILLIAM C., US
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[72] DE WEERD, MAARTEN WILLEM-PETER, NL
[72] FREIJE, JANJAAP, NL
[72] SCHENNINK, GERALDUS GERARDUS JOHANNES, NL
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[72] HURLEY, CHRISTOPHER A., GB
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[54] **COMPOSES CARBOXAMIDES HETEROCYCLIQUES ET LEUR UTILISATION POUR LA PROPHYLAXIE OU LE TRAITEMENT DE L'HYPERTENSION**
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[72] IWANAGA, KOUICHI, JP
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[72] TOKUHARA, HIDEKAZU, JP
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[73] KUROITA, TAKANOBU, ZZ
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[72] BAILEY, CHARLIE, US
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[73] BLOUNT, INC., US
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[72] STERLING, MARY MARGARET, US
[73] ELECTROLUX HOME PRODUCTS, INC., US
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[72] DOXTATOR, RICK, CA
[72] SHERIDAN, SCOTT, CA
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[72] SONNENBERG, NEVILLE, US
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[72] MELNICK, BENNETT, US
[72] SANDERS, PAUL, US
[72] JIANG, CONG, US
[72] QUINN, CATHERINE, US
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[72] BROWN, LARRY R., US
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[72] MOUSSAVI, ARTIN, GB
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[72] SYLDATKE, RALF, DE
[73] WALDEN, NORMAN, ZZ
[73] SYLDATKE, RALF, ZZ
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[54] **GENERATEUR DE STRONTIUM-82/RUBIDIUM-82, PROCEDE PERMETTANT DE PRDOUIRE UN RUBIDIUM-82 COMPRENANT UN AGENT DIAGNOSTIC, AGENT DIAGNOSTIC SUSMENTIONNE ET UTILISATION DE CELUI-CI DANS UN MEDICAMENT**
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[73] STICHTING JEROEN BOSCH ZIEKENHUIS, NL
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[54] **APPAREIL ET PROCEDE POUR MACRO-OPERATION IMPLIQUANT UNE PLURALITE DE TRANSACTIONS DE PROTOCOLE DE SESSION**
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[72] CHENARD, ERIC, FR
[72] BURGOS, ALAIN, FR
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[72] LIONETTA, WILLIAM G., US
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[72] GAJRIA, AJAY, IN
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[72] TIRKKONEN, JORMA, FI
[72] PAKARINEN, VILLE, FI
[72] TOIKKANEN, JARI, FI
[72] LIUKKONEN, OLLI, FI
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[54] **PROCEDE DE FERMETURE D'UN CONTENANT ET CONDITIONNEMENT AINSI FABRIQUE**
[72] VAN CUIJK, WILHELMUS HENRICUS MARIA, NL
[73] ABARKA PACKAGING SOLUTIONS B.V., NL
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[54] **PROCEDES POUR LA SEPARATION, LA CARACTERISATION ET/OU L'IDENTIFICATION DE MICROORGANISMES A L'AIDE DE LA SPECTROSCOPIE**
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[72] HYMAN, JONES, US
[72] THORPE, THURMAN, US
[72] CLAY, BRADFORD, US
[72] RONSICK, CHRISTOPHER, US
[73] BIOMERIEUX, INC., US
[73] WALSH, JOHN, ZZ
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[54] **NANOPARTICULES BIODEGRADABLES CIBLANT LE LYMPHOCYTE T RENFERMANT UN FACTEUR D'INHIBITION DE LA LEUCEMIE**
[72] METCALFE, SUSAN MARIE, GB
[72] FAHMY, TAREK M., US
[73] METCALFE, SUSAN MARIE, GB
[73] FAHMY, TAREK M., ZZ
[73] YALE UNIVERSITY, US
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[72] YECHEZKEL, TAMAR, IL
[72] SALITRA, YOSEPH, IL
[72] KOUDINOVA, NATALIA, IL
[73] EREN, DORON, ZZ
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[73] STEBA BIOTECH S.A., LU
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[54] **MAILLAGE COMPOSITE COMPRENANT UN MAILLAGE 3D ET UN FILM POREUX DE CELLULOSE OXYDEE PROVENANT D'UNE CELLULOSE BACTERIENNE**
[72] BAYON, YVES, FR
[72] LADET, SEBASTIEN, FR
[72] LEFRANC, OLIVIER, FR
[72] GRAVAGNA, PHILIPPE, FR
[73] SOFRADIM PRODUCTION, FR
[73] BAYON, YVES, ZZ
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[54] **COMPOSITIONS ANTISUDORIFIQUES OU DEODORANTES RENFERMANT DES CAPSULES DE PARFUM SENSIBLES AU CISAILLEMENT**
[72] CHAN, CATRIN SIAN, GB
[72] CROPPER, MARTIN PETER, GB
[72] FRANKLIN, KEVIN RONALD, GB
[72] JOHNSON, SIMON ANTHONY, GB
[72] MCKEOWN, ROBERT, GB
[73] UNILEVER PLC, GB
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[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[73] SPIJKERMAN, HARRIE, ZZ
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[54] **FILAMENT RESISTANT A LA FIBRILLATION AVEC NOYAU SOLIDE DE TEREPHTALATE POLYTRIMETHYLENE DE SECTION TRANSVERSALE SENSIBLEMENT TRIANGULAIRE, FILIERE DE PRODUCTION DU FILAMENT ET MOQUETTE REALISEE A PARTIR DE CELUI-CI**
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[72] SAMANT, K. RANJAN, US
[72] CHANG, JING CHUNG, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **MIDDLE ARM FOR MOUNTING A CONTACT GRILL OR ROASTING PLATE AND CONTACT GRILL OR ROASTING DEVICE WITH SUCH A MIDDLE ARM**
[54] **BRAS CENTRAL DESTINE A MAINTENIR UNE PLAQUE SUPERIEURE DE GRIL DOUBLE OU UNE PLAQUE SUPERIEURE DE CUISSON ET GRIL DOUBLE OU APPAREIL DE CUISSON EQUIPE DE CE BRAS CENTRAL**
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[54] **BRAS CENTRAL DESTINE A MAINTENIR UNE PLAQUE SUPERIEURE DE GRIL DOUBLE OU UNE PLAQUE SUPERIEURE DE CUISSON ET GRIL DOUBLE OU APPAREIL DE CUISSON EQUIPE DE CE BRAS CENTRAL**
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[72] BODOCAN, DAN, CA
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[54] **PROCEDE DE FABRICATION DE PIECE DE FORME COMPLEXE EN MATERIAU COMPOSITE**
[72] EBERLING-FUX, NICOLAS, FR
[72] BOUILLON, ERIC, FR
[72] ROUSSILLE, CLEMENT, FR
[72] OTIN, NICOLAS, FR
[72] COUPE, DOMINIQUE, FR
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[54] **SYSTEMES ET PROCEDES POUR GESTION DOCUMENTAIRE ELECTRONIQUE ET INTELLIGENTE**
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[54] **COUVERCLE ANTI-RAYONNEMENT POUR UN DISPOSITIF ECRAN AUXILIAIRE D'UN SYSTEME D'ELUTION DE RADIOISOTOPE**
[72] MAYFIELD, SCOTT HAYWARD, US
[72] MARTZ, KEVIN ROBERT, US
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[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE COMPRESSEUR**
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[72] SEKI, YUICHIRO, JP
[72] MEGURO, KIICHI, JP
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[54] **PROCEDES ET SYSTEMES POUR OBSERVER LES PARAMETRES D'UN CAPTEUR**
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[72] ASKARINYA, MOHSEN, US
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[72] CHANDLER, KELLY W., US
[73] TEMPUR-PEDIC MANAGEMENT, INC., US
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[72] PARKER, DONALD M., US
[72] GRANDE, WILLIAM J., US
[73] ENCITE LLC, US
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[72] TICE, THOMAS R., US
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[72] TIITTA, JARI, FI
[72] KOJO, TEPPO, FI
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[72] MAKI-TULOKAS, RAMI, FI
[73] METSO PAPER, INC., FI
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[54] **GENE CODANT POUR UN MUTANT DE GLUCOKINASE HUMAINE, ENZYME CODEE PAR CELUI-CI, VECTEURS RECOMBINANTS ET HOTES RECOMBINANTS, COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS, PROCEDES DE TRAITEMENT ET DE PREVENTION DE MALADIES**
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[72] CHEN, YAN, US
[72] MCMURTRIE, DARREN JOHN, US
[72] TAYLOR, VANESSA, US
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[72] THOTA, SAMBAIAH, US
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[73] TAYLOR, VANESSA, ZZ
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[72] FINNEY, JOHN, GB
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[54] **SYSTEME D'AIDE ANATOMIQUE ERGONOMIQUE POUR DISPOSITIFS EMMANCHE**
[72] HERIGSTAD, BYRON JON, US
[73] LETT SOLUTIONS, LLC, US
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[72] HAWKINS, DANIEL PAUL, US
[73] LOOPROPE, LLC, US
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[54] **BOITE DE VITESSE POUR BATTEUR MELANGEUR**
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[72] DAHERON, HENRI, FR
[72] RICARD, PASCAL, FR
[73] VMI, FR
[73] CHEIO DE OLIVEIRA, JOSE, ZZ
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[54] **TUBULAIRE DE TRAIN DE TIGE DE FORAGE AVEC SYSTEME DE DETECTION MONTE DANS CELUI-CI**
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[72] DUDLEY, JAMES H., US
[72] FINKE, MICHAEL DEWAYNE, US
[72] GOLLA, CHRISTOPHER ALLEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] HERRERA, ADAN HERNANDEZ, ZZ
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[72] SATO, TAKAO, JP
[72] MATSUNAGA, TORU, JP
[72] YAMAZAKI, YOSHIKO, JP
[72] FUKUSHIMA, TSUTOMU, JP
[73] SENJU PHARMACEUTICAL CO., LTD., JP
[73] SHIKAMURA, YUKO, ZZ
[73] SATO, TAKAO, ZZ
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[54] **LIME POUR TRAVAILLER SUR L'ESPACE INTERPROXIMAL LORS DE TRAITEMENTS ORTHODONTIQUES AUSSI BIEN QUE CONSERVATEURS ET PROPHYLACTIQUES DENTAIRES ET DISPOSITIF CONNEXE APTE A ETRE RACCORDE A UNE PIECE A MAIN DENTAIRE OSCILLANTE**
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[54] **APPAREIL ET PROCEDE DE MESURE DE MOUVEMENTS SPATIAUX DE STRUCTURES D'USINE**
[72] DE LORENZO, GIANPIETRO, IT
[72] GIUNTA, GIUSEPPE, IT
[73] ENI S.P.A., IT
[73] DE LORENZO, GIANPIETRO, ZZ
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[54] **PROCEDE DE PRODUCTION ET DE TRAITEMENT D'UNE PREFORME, PREFORME ET FIBRE OPTIQUE**
[72] SANDOZ, FREDERIC, CH
[72] PEDRIDO, CARLOS, CH
[72] RIBAUX, PHILIPPE, CH
[72] HAMEL, PHILIPPE, CH
[73] SILITEC FIBERS SA, CH
[73] SANDOZ, FREDERIC, ZZ
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[73] HAMEL, PHILIPPE, ZZ
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[54] **METHOD FOR AT LEAST PARTIALLY REWORKING OR REPLACING A REINFORCEMENT ELEMENT OF A FIBRE COMPOSITE STRUCTURE AND ASSOCIATED CONNECTING DEVICE**
[54] **PROCEDE POUR AU MOINS PARTIELLEMENT USINER ULTERIEUREMENT OU REMPLACER UN ELEMENT DE RENFORCEMENT D'UNE STRUCTURE COMPOSITE A FIBRES ET DISPOSITIF DE LIAISON ASSOCIE**
[72] MARQUARDT, HANS, DE
[73] AIRBUS OPERATIONS GMBH, DE
[73] MARQUARDT, HANS, ZZ
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[54] **AUTOMATISATION ET COMMANDE DE PROCESSUS DE CRAQUAGE CATALYTIQUE EN LIT FLUIDISE A FAIBLE CONSOMMATION D'ENERGIE POUR AUGMENTER AU MAXIMUM LES PRODUITS A VALEUR AJOUTEE**
[72] TAHA, OTHMAN A., SA
[72] KHAN, M. RASHID, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] TAHA, OTHMAN A., ZZ
[73] KHAN, M. RASHID, ZZ
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[54] **SHIELDING BRAID TERMINATION FOR A SHIELDED ELECTRICAL CONNECTOR**
[54] **RACCORDEMENT DE TRESSE DE BLINDAGE POUR UN CONNECTEUR ELECTRIQUE BLINDE**
[72] MARSH, JOHN, GB
[72] BAKER, ROBERT, GB
[73] TYCO ELECTRONICS UK LTD, GB
[73] MARSH, JOHN, ZZ
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[54] **PROCEDE ET SYSTEME DE CONTROLE D'INTERFERENCES ELECTROMAGNETIQUES EN DOMAINE DE TEMPS**
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[73] ESKOM HOLDINGS SOC LIMITED, ZA
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[54] **PROCEDE DE PRODUCTION D'UNE HUILE DE BASE LUBRIFIANTE**
[72] HIROHASHI, CHIKAKO, JP
[72] TANAKA, YUICHI, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] HIROHASHI, CHIKAKO, ZZ
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[54] **PROCEDES ET APPAREIL POUR LIMITER UN CHANGEMENT D'UNE VALEUR D'ACTIONNEMENT DANS UN DISPOSITIF DE COMMANDE ELECTROPNEUMATIQUE**
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[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE DE PRODUCTION SIMULTANEE DE SULFATE DE POTASSIUM, DE SULFATE D'AMMONIUM, D'HYDROXYDE DE MAGNESIUM ET/OU D'OXYDE DE MAGNESIUM A PARTIR D'UN SEL DE KAINITE ET D'AMMONIAQUE**
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[72] MODY, HARESH MAHIPATLAL, IN
[72] CHUNAWALA, JATIN RAMESHCHANDRA, IN
[72] GANDHI, MAHESHKUMAR RAMNIKLAL, IN
[72] BAJAJ, HARI CHAND, IN
[72] MAITI, PRATYUSH, IN
[72] JOSHI, HIMANSHU LABHSHANKER, IN
[72] DERAIYA, HASINA HAJIBHAI, IN
[72] SARAIYA, UPENDRA PADMAKANT, IN
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[73] GHOSH, PUSHPITO KUMAR, ZZ
[73] MODY, HARESH MAHIPATLAL, ZZ
[73] CHUNAWALA, JATIN RAMESHCHANDRA, ZZ
[73] GANDHI, MAHESHKUMAR RAMNIKLAL, ZZ
[73] BAJAJ, HARI CHAND, ZZ
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[73] SARAIYA, UPENDRA PADMAKANT, ZZ
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[72] MELANCON, DOMINIC, CA
[72] SARAGOVI, H. URI, CA
[72] GOLD, PHIL, CA
[72] CUELLO, A. CLAUDIO, CA
[73] PROSCAN RX PHARMA INC., CA
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[54] **PROCEDE DE LUTTE CONTRE DES PARASITES DES POISSONS**
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[72] HIRAZAWA, NORITAKA, JP
[73] NIPPON SUISAN KAISHA, LTD., JP
[73] KAWANO, FUMI, ZZ
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[54] **UTILISATION DE GUANETHIDINE POUR LE TRAITEMENT D'UNE HYPERTENSION PAR UNE ADMINISTRATION VASCULAIRE LOCALE**
[72] SEWARD, KIRK PATRICK, US
[73] MERCATOR MEDSYSTEMS, INC., US
[73] SEWARD, KIRK PATRICK, ZZ
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[54] **PREVENTION ET TRAITEMENT D'UNE DIARRHEE ALLERGIQUE**
[72] NUTTEN, SOPHIE, CH
[72] MERCENIER, ANNICK, CH
[72] DUNCKER, SWANTJE, CH
[73] NESTEC S.A., CH
[73] NUTTEN, SOPHIE, ZZ
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[54] **COMPOSITION POUR PREVENIR LA PERTE DE CHEVEUX OU STIMULER LA CROISSANCE CAPILLAIRE**
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[72] PARK, WON SEOK, KR
[72] KOH, HYUN JU, KR
[72] PARK, PIL JOON, KR
[72] KIM, SU NA, KR
[72] CHOI, KANG-YELL, KR
[72] YOON, JU-YONG, KR
[72] LEE, SOUNG-HOON, KR
[73] AMOREPACIFIC CORPORATION, KR
[73] KIM, HYOUNG-JUN, ZZ
[73] PARK, WON SEOK, ZZ
[73] KOH, HYUN JU, ZZ
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[73] KIM, SU NA, ZZ
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[54] **POMPE/MOTEUR A VIS HELICOIDALE EXCENTREE**
[72] GUIDRY, MICHAEL J., JR., US
[73] GUIDRY, MICHAEL J., JR., ZZ
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **PROCEDES DE FORMATION D'UNE STRUCTURE DOTEE D'UNE PROTECTION CONTRE LA FOUDRE**
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[72] BECKER, ROBERT D., US
[73] ADC ACQUISITION COMPANY, US
[73] LANGONE, ROBERT J., ZZ
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[72] SKIDMORE, ALLYSSA M., US
[73] HYPERTRONICS CORPORATION, US
[73] SKIDMORE, ALLYSSA M., ZZ
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[54] **VALVULE CARDIAQUE PROTHETIQUE UNITAIRE A RACCORDEMENT RAPIDE ET SYSTEME ET PROCEDES DE DEPLOIEMENT**
[72] PINTOR, RAFAEL, US
[72] CHAU, MARK, US
[72] OBA, TRAVIS, US
[72] YAMBAO, AUGUST, US
[72] CAMPBELL, LOUIS A., US
[72] HUNTLEY, TAMMY, US
[72] ZENG, QINGGANG, US
[72] CRISTEA, CAREY, US
[72] KALAM, FAISAL, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] PINTOR, RAFAEL, ZZ
[73] CHAU, MARK, ZZ
[73] OBA, TRAVIS, ZZ
[73] YAMBAO, AUGUST, ZZ
[73] CAMPBELL, LOUIS A., ZZ
[73] HUNTLEY, TAMMY, ZZ
[73] ZENG, QINGGANG, ZZ
[73] CRISTEA, CAREY, ZZ
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[54] **ENCEINTE POUR APPAREILS DE COMMUTATION MODULAIRES DE DISTRIBUTION SECONDAIRE**
[72] BACHORZ, LUKASZ, PL
[72] FLIS, JERZY, PL
[72] KOPCZYNSKI, BARTOSZ, PL
[72] OBOJSKI, JERZY, PL
[72] WIELGOS, MICHAL, PL
[72] WILNIEWCZYC, MARIUSZ, PL
[73] BACHORZ, LUKASZ, ZZ
[73] FLIS, JERZY, ZZ
[73] KOPCZYNSKI, BARTOSZ, ZZ
[73] OBOJSKI, JERZY, ZZ
[73] WIELGOS, MICHAL, ZZ
[73] WILNIEWCZYC, MARIUSZ, ZZ
[73] ABB SCHWEIZ AG, CH
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[54] **CONNECTION BETWEEN A DRILL PIPE AND A CONNECTOR**
[54] **LIAISON ENTRE UNE TIGE CREUSE ET UN RACCORD**
[72] LAMIK, ABDELRHANI, AT
[72] LAMIK-THONHAUSER, BOUCHRA, AT
[72] KARPF, ROBERT, AT
[73] LAMIK, ABDELRHANI, ZZ
[73] LAMIK-THONHAUSER, BOUCHRA, ZZ
[73] KARPF, ROBERT, ZZ
[73] THINK AND VISION GMBH, AT
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[54] **CONVEYING EQUIPMENT INCLUDING AT LEAST ONE CURVED CORRIDOR**
[54] **INSTALLATION DE CONVOYAGE COMPRENANT AU MOINS UN COULOIR COURBE**
[72] PERREARD, BRICE, FR
[72] PERRIN, DAVID, FR
[72] PETROVIC, ZMAJ, FR
[73] PERREARD, BRICE, ZZ
[73] PERRIN, DAVID, ZZ
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[54] **HUMIDIFIER HEATER BASE**
[54] **BASE D'HUMIDIFICATEUR CHAUFFANT**
[72] POTHARAJU, VENKATA SUBBARAO, NZ
[72] SUN, YI-CHENG, NZ
[72] D'ANDREA, DOMINIQUE, NZ
[72] SALMON, ANDREW PAUL MAXWELL, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[73] POTHARAJU, VENKATA SUBBARAO, ZZ
[73] SUN, YI-CHENG, ZZ
[73] D'ANDREA, DOMINIQUE, ZZ
[73] SALMON, ANDREW PAUL MAXWELL, ZZ
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[54] **COLLAR ASSEMBLY FOR BREAKING TUBING HANGER CONNECTIONS**
[54] **COLLIER DE RUPTURE POUR COUPER LES OLIVES DE SUSPENSION DE TUBE DE PRODUCTION**
[72] SUGDEN, DARYL RICHARD, CA
[73] SUGDEN, DARYL RICHARD, CA
[73] NABORS CANADA, CA
[86] (2764546)
[87] (2764546)
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[25] EN
[54] **METHOD OF DELIVERING A THERMOPLASTIC AND/OR CROSSLINKING RESIN TO A COMPOSITE LAMINATE STRUCTURE**
[54] **PROCEDE DE DISTRIBUTION D'UNE RESINE THERMOPLASTIQUE ET/OU DE RETICULATION A UNE STRUCTURE STRATIFIEE COMPOSITE**
[72] KEUCHEL, KENNETH HERBERT, US
[73] SPUNFAB, LTD, US
[73] KEUCHEL, KENNETH HERBERT, ZZ
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[25] EN
[54] **PLANT AND METHOD FOR TREATING PROCESS WATER WITH SEPARATE SEPARATION OF GASES AND SOLIDS**
[54] **INSTALLATION ET METHODE DE TRAITEMENT DES EAUX DE PROCEDE PAR SEPARATION DISTINCTE DES GAZ ET DES MATIERES SOLIDES**
[72] TROUBOUNIS, GEORGE, DE
[72] EFINGER, DIETER, DE
[72] NIEMCZYK, BERNHARD, DE
[72] MENKE, LUCAS, DE
[73] MERI ENVIRONMENTAL SOLUTIONS GMBH, DE
[73] TROUBOUNIS, GEORGE, ZZ
[73] EFINGER, DIETER, ZZ
[73] NIEMCZYK, BERNHARD, ZZ
[73] MENKE, LUCAS, ZZ
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[54] **SYSTEM FOR PURIFYING GAS**
[54] **SYSTEME D'EPURATION DE GAZ**
[72] SCZESNY, JOERG, DE
[72] DEUTSCHMEYER, MANFRED, DE
[72] SCHLICHTER, BERNHARD, DE
[73] HYDAC PROCESS TECHNOLOGY GMBH, DE
[73] SCZESNY, JOERG, ZZ
[73] DEUTSCHMEYER, MANFRED, ZZ
[73] SCHLICHTER, BERNHARD, ZZ
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[25] EN
[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**
[54] **APPAREIL ELECTRONIQUE PORTATIF ET METHODE DE COMMANDE CONNEXE**
[72] BOS, JEFFREY CHARLES, CA
[73] BOS, JEFFREY CHARLES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2766875)
[87] (2766875)
[22] 2012-02-03
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[25] EN
[54] **CLICKING CLOSURE DEVICE FOR A RECLOSABLE POUCH**
[54] **DISPOSITIF DE FERMETURE PRODUISANT UN CLIC AUDIBLE POUR UN SACHET REFERMABLE**
[72] PRICE, WILLIAM D., US
[72] DAWKINS, RICHARD R., US
[73] S. C. JOHNSON & SON, INC., US
[73] PRICE, WILLIAM D., ZZ
[73] DAWKINS, RICHARD R., ZZ
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[25] EN
[54] **2 - [[[2 -[(HYDROXYACETYL) AMINO]- 4 -PYRIDINYL] METHYL] THIO]- N -[4 - (TRIFLUOROMETHOXY) PHENYL]- 3 - PYRIDINECARBOXAMIDE BENZENESULFONATE, CRYSTAL OF SAME, CRYSTAL POLYMORPH THEREOF, AND METHODS FOR PRODUCTION THEREOF**
[54] **BENZENE-SULFONATE DE 2-[[[2-[(HYDROXYACETYL)AMINO]-4-PYRIDINYL]METHYL]THIO]-N-[4-(TRIFLUOROMETHOXY)PHENYL]-3-PYRIDINECARBOXAMIDE, CRISTAUX DE CELUI-CI, SES POLYMORPHES ET SES PROCEDES DE FABRICATION**
[72] NIWA, MASASHI, JP
[72] DEGUCHI, HIROSHI, JP
[73] SANTEN PHARMACEUTICAL CO., LTD., JP
[73] NIWA, MASASHI, ZZ
[73] DEGUCHI, HIROSHI, ZZ
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[51] **Int.Cl. A61B 17/11 (2006.01) A61F 2/95 (2013.01)**
[25] EN
[54] **ENDOVASCULAR ANASTOMOTIC CONNECTOR DEVICE, DELIVERY SYSTEM, AND METHODS OF DELIVERY AND USE**
[54] **DISPOSITIF CONNECTEUR ANASTOMOTIQUE ENDOVASCULAIRE, SYSTEME D?ALIMENTATION, METHODES D?ALIMENTATION ET D?UTILISATION**
[72] FARNAN, ROBERT C., US
[73] CIRCULITE, INC., US
[73] FARNAN, ROBERT C., ZZ
[85] 2012-01-18
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[25] EN
[54] **LIFTING FITTING**
[54] **ACCESSOIRE DE LEVAGE**
[72] KROGH, MIKKEL VERNER, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] KROGH, MIKKEL VERNER, ZZ
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[54] **COOLING PRODUCTS AND METHODS**
[54] **PRODUITS DE REFROIDISSEMENT ET PROCEDES ASSOCIES**
[72] FORDEN, CAROL M., US
[72] FORDEN, LAURIE M., US
[73] FORDEN, CAROL M., ZZ
[73] FORDEN, LAURIE M., ZZ
[73] GAWI HEALTH CARE, LLC, US
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[54] **THERMOSTATIC VALVE AND METHOD FOR MANUFACTURING SAME**
[54] **VANNE THERMOSTATIQUE ET PROCEDE DE FABRICATION D'UNE TELLE VANNE**
[72] MARAUX, THIERRY, FR
[72] POTTIE, NICOLAS, FR
[73] VERNET, FR
[73] MARAUX, THIERRY, ZZ
[73] POTTIE, NICOLAS, ZZ
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF PYRAZOLE CARBOXYLIC ACID AMIDES**
[54] **PROCEDE POUR LA PREPARATION D'AMIDES D'ACIDE PYRAZOLECARBOXYLIQUE**
[72] GRIBKOV, DENIS, CH
[72] MUELLER, ADRIAN, CH
[72] LAGGER, MARTIN, CH
[72] GIORDANO, FANNY, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[73] GRIBKOV, DENIS, ZZ
[73] MUELLER, ADRIAN, ZZ
[73] LAGGER, MARTIN, ZZ
[73] GIORDANO, FANNY, ZZ
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[54] **PRODUCT COMPRISING AN END FITTING CONNECTED TO A BODY**
[54] **PRODUIT COMPRENANT UN RACCORD D'EXTREMITE RELIE A UN CORPS**
[72] BOND, DAVID, GB
[72] TROWBRIDGE, PAUL, GB
[72] SMITH, ANDY, GB
[72] MASSON, RICHARD, FR
[72] DUNLEAVY, PATRICK, FR
[73] MESSIER-DOWTY LIMITED, GB
[73] BOND, DAVID, ZZ
[73] TROWBRIDGE, PAUL, ZZ
[73] SMITH, ANDY, ZZ
[73] MASSON, RICHARD, ZZ
[73] DUNLEAVY, PATRICK, ZZ
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **METHODS AND SYSTEMS FOR RESISTANCE SPOT WELDING USING DIRECT CURRENT MICRO PULSES**
[54] **PROCEDES ET SYSTEMES DE SOUDAGE PAR POINTS PAR RESISTANCE AU MOYEN DE MICRO-IMPULSIONS A COURANT CONTINU**
[72] HOU, WENKAO, US
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
[73] HOU, WENKAO, ZZ
[85] 2012-02-13
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[54] **OPTICAL DEVICE HAVING LIGHT SENSOR EMPLOYING HORIZONTAL ELECTRICAL FIELD**
[54] **DISPOSITIF OPTIQUE COMPORTANT UN CAPTEUR LUMINEUX UTILISANT UN CHAMP ELECTRIQUE HORIZONTAL**
[72] LIAO, SHIRONG, US
[72] ZHENG, DAWEI, US
[72] KUNG, CHENG-CHIH, US
[72] ASGHARI, MEHDI, US
[73] LIAO, SHIRONG, ZZ
[73] ZHENG, DAWEI, ZZ
[73] KUNG, CHENG-CHIH, ZZ
[73] ASGHARI, MEHDI, ZZ
[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
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[25] EN
[54] **METHODS FOR TREATMENT OF A SARCOMA USING AN EPIMETABOLIC SHIFTER (COENZYME Q10)**
[54] **PROCEDE DE TRAITEMENT D'UN SARCOME A L'AIDE D'UN DECALEUR EPIMETABOLIQUE (COENZYME Q10)**
[72] SARANGARAJAN, RANGAPRASAD, US
[72] NARAIN, NIVEN RAJIN, US
[72] MCCOOK, JOHN PATRICK, US
[73] SARANGARAJAN, RANGAPRASAD, ZZ
[73] NARAIN, NIVEN RAJIN, ZZ
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[73] BERG LLC, US
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[51] **Int.Cl. A61L 15/28 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING CHITOSAN AND USE OF SUCH COMPOSITIONS**
[54] **COMPOSITIONS REFERMANT DE LA CHITOSANE ET UTILISATION DE TELLES COMPOSITIONS**
[72] HENCO, KARSTEN, DE
[72] FREIER, THOMAS, DE
[72] MONTENEGRO, RIVELINO, DE
[73] MEDODERM GMBH, DE
[73] HENCO, KARSTEN, ZZ
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[25] EN
[54] **COMPUTER-AUTOMATED SPATIAL ANALYSIS**
[54] **ANALYSE SPATIALE AUTOMATISEE PAR ORDINATEUR**
[72] GRIFFIN, TERRY, US
[73] PLANT HEALTH CARE, INC., US
[73] GRIFFIN, TERRY, ZZ
[85] 2012-02-20
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[54] **FLEXIBLE CONTAINER WITH FITMENT AND HANDLE**
[54] **RECIPIENT SOUPLE AVEC GOULOT ET POIGNEE**
[72] WILKES, KENNETH R., US
[72] SCHULDT, FREDERIC W., US
[73] SMART BOTTLE INC., US
[73] WILKES, KENNETH R., ZZ
[73] SCHULDT, FREDERIC W., ZZ
[85] 2012-03-07
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[25] EN
[54] **PANCREATIC ENZYME COMPOSITIONS AND METHODS FOR TREATING PANCREATITIS AND PANCREATIC INSUFFICIENCY**
[54] **COMPOSITIONS D'ENZYME PANCREATIQUE ET METHODES POUR TRAITER LA PANCREATITE ET L'INSUFFISANCE PANCREATIQUE**
[72] VENKATESH, GOPI M., US
[72] PERRETT, STEPHEN, US
[72] THIEROFF-EKERDT, RUTH, US
[72] EFTHYMIOPOULOS, KONSTANTINO, CH
[73] VENKATESH, GOPI M., ZZ
[73] PERRETT, STEPHEN, ZZ
[73] THIEROFF-EKERDT, RUTH, ZZ
[73] EFTHYMIOPOULOS, KONSTANTINO, ZZ
[73] APTALIS PHARMA LIMITED, IE
[85] 2012-03-14
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[25] EN
[54] **METHOD FOR REINFORCING A FIBRE COMPOSITE COMPONENT AND ARRANGEMENT FOR PRODUCING A REINFORCED FIBRE COMPOSITE COMPONENT**
[54] **PROCEDE POUR RAIDIR DES ELEMENTS EN COMPOSITE RENFORCE DE FIBRES, ET DISPOSITIF DE FABRICATION D'UN ELEMENT EN COMPOSITE RENFORCE DE FIBRES RAIDI**
[72] REINHARDT, MILAN, DE
[72] DORAWA, TOBIAS, DE
[72] BAISCH, PHILIPP, DE
[72] JACOB, TORBEN, DE
[72] BARLAG, CARSTEN, DE
[73] AIRBUS OPERATIONS GMBH, DE
[73] REINHARDT, MILAN, ZZ
[73] DORAWA, TOBIAS, ZZ
[73] BAISCH, PHILIPP, ZZ
[73] JACOB, TORBEN, ZZ
[73] BARLAG, CARSTEN, ZZ
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[25] EN
[54] **METHOD OF TREATING A PLANT WASTEWATER AND TREATMENT SYSTEM THEREFOR**
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT D'EAUX USEES D'INSTALLATION**
[72] SHINOHARA, MASAYO, JP
[72] KAWAMURA, KAZUSHIGE, JP
[72] SATOH, HIROMI, JP
[72] IMAHAMA, TOSHINOBU, JP
[72] KITANAKA, ATSUSHI, JP
[72] TANIGUCHI, MASAHIDE, JP
[73] CHIYODA CORPORATION, JP
[73] SHINOHARA, MASAYO, ZZ
[73] KAWAMURA, KAZUSHIGE, ZZ
[73] SATOH, HIROMI, ZZ
[73] IMAHAMA, TOSHINOBU, ZZ
[73] KITANAKA, ATSUSHI, ZZ
[73] TANIGUCHI, MASAHIDE, ZZ
[73] TORAY INDUSTRIES, INC., JP
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[54] **MACHINE FOR THE MANUFACTURE OF DOSAGE FORMS UTILIZING RADIOFREQUENCY ENERGY**
[54] **MACHINE DE FABRICATION DE FORMES PHARMACEUTIQUES AU MOYEN D'ENERGIE RADIOFREQUENCE**
[72] SOWDEN, HARRY S., US
[72] BUNICK, FRANK J., US
[72] LUBER, JOSEPH R., US
[72] KRIKSUNOV, LEO B., US
[72] SZYMCZAK, CHRISTOPHER E., US
[73] MCNEIL-PPC, INC., US
[73] SOWDEN, HARRY S., ZZ
[73] BUNICK, FRANK J., ZZ
[73] LUBER, JOSEPH R., ZZ
[73] KRIKSUNOV, LEO B., ZZ
[73] SZYMCZAK, CHRISTOPHER E., ZZ
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[25] EN
[54] **METHOD OF DEVICE SELECTION USING SENSORY INPUT AND PORTABLE ELECTRONIC DEVICE CONFIGURED FOR SAME**
[54] **METHODE DE SELECTION DE DISPOSITIF PAR INTRANT SENSORIEL ET DISPOSITIF ELECTRONIQUE CONFIGURE POUR CETTE TACHE**
[72] DODS, JEFFREY ALTON HUGH, CA
[72] ALMALKI, NAZIH, CA
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[72] BOUCHER, ANTOINE GILLES JOSEPH, CA
[73] DODS, JEFFREY ALTON HUGH, CA
[73] ALMALKI, NAZIH, CA
[73] SIMMONS, SEAN BARTHOLOMEW, CA
[73] BOUCHER, ANTOINE GILLES JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
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[54] **UNDERWATER DRILLING ARRANGEMENT AND METHOD FOR INTRODUCING A FOUNDATION ELEMENT INTO A BED OF A BODY OF WATER**
[54] **INSTALLATION DE FORAGE SOUS-MARIN ET PROCEDE DE POSE D'ELEMENT DE FONDATION DANS LE LIT D'UN PLAN D'EAU**
[72] FINKENZELLER, STEFAN MICHAEL, DE
[72] WIEDENMANN, ULRICH, DE
[73] BAUER MASCHINEN GMBH, DE
[73] FINKENZELLER, STEFAN MICHAEL, ZZ
[73] WIEDENMANN, ULRICH, ZZ
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[54] **SPIDER MITE SILK PROTEINS**
[54] **PROTEINES DE SOIE DE TETRANYQUE**
[72] GRBIC, MIODRAG, CA
[72] GRBIC, VOJISLAVA, CA
[72] ROMBAUTS, STEPHANE, BE
[72] VAN DE PEER, YVES, BE
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[73] GRBIC, MIODRAG, ZZ
[73] GRBIC, VOJISLAVA, ZZ
[73] ROMBAUTS, STEPHANE, ZZ
[73] VAN DE PEER, YVES, ZZ
[73] VIB VZW, BE
[73] UNIVERSITEIT GENT, BE
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[54] **PRESENTING INSTANT MESSAGING CONTACTS LISTED BY PROXIMITY TO SET LOCATION**
[54] **PRESENTATION DE CONTACTS DE MESSAGERIE INSTANTANEE LISTES PAR PROXIMITE POUR DETERMINER L'EMPLACEMENT**
[72] KHAN, TABARAK, US
[73] KHAN, TABARAK, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2776777)
[87] (2776777)
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[54] **GREENHOUSE AND FORCED GREENHOUSE CLIMATE CONTROL SYSTEM AND METHOD**
[54] **SERRE, SYSTEME DE REGULATION D'UNE CLIMATISATION FORCEE POUR SERRE ET PROCEDE ASSOCIE**
[72] REINDERS, GEURT, NL
[72] HOUWELING, CASEY, CA
[73] HOUWELING NURSERIES OXNARD, INC., US
[73] REINDERS, GEURT, ZZ
[73] HOUWELING, CASEY, CA
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[54] **DRESSING REDUCED-PRESSURE INDICATORS, SYSTEMS, AND METHODS**
[54] **INDICATEURS DE PRESSION REDUITE D'APPRET, SYSTEME ET PROCEDES ASSOCIES**
[72] WILKES, ROBERT PEYTON, US
[72] LONG, JUSTIN ALEXANDER, US
[72] KAZALA, RICHARD MARVIN, JR., US
[72] YAO, LI, US
[72] BARTA, ERICK WOODSON, US
[72] LOCKE, CHRISTOPHER BRIAN, GB
[73] KCI LICENSING, INC., US
[73] WILKES, ROBERT PEYTON, ZZ
[73] LONG, JUSTIN ALEXANDER, ZZ
[73] KAZALA, RICHARD MARVIN, JR., ZZ
[73] YAO, LI, ZZ
[73] BARTA, ERICK WOODSON, ZZ
[73] LOCKE, CHRISTOPHER BRIAN, ZZ
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[54] **SYSTEMS AND METHODS FOR PIPE COUPLINGS**
[54] **SYSTEMES ET PROCEDES POUR RACCORDS DE TUYAUTERIES**
[72] LIPPKA, SANDRA M., US
[73] TYCO FIRE PRODUCTS LP, US
[73] LIPPKA, SANDRA M., ZZ
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[54] **PACKAGING RELATED PROCESS, SYSTEM & APPARATUS**
[54] **PROCESSUS, SYSTEME ET APPAREIL LIES A L'EMBALLAGE**
[72] BIERSCHENK, PATRICK J., US
[72] BRENKUS, FRANK M., US
[72] MELANSON, AMELINDA, US
[72] REAVES, JERRY M., US
[72] KRAUSE, LEON J., US
[72] GUST, RONALD M., US
[73] FRITO-LAY NORTH AMERICA, INC., US
[73] BIERSCHENK, PATRICK J., ZZ
[73] BRENKUS, FRANK M., ZZ
[73] MELANSON, AMELINDA, ZZ
[73] REAVES, JERRY M., ZZ
[73] KRAUSE, LEON J., ZZ
[73] GUST, RONALD M., ZZ
[73] DOUGLAS MACHINE INC., US
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[54] **MESURE AU LASER D'UNE ARMATURE DE VEHICULE**
[72] KNOKE, ROBIN L., US
[72] BRUNK, MATT J., US
[72] FREEMAN, MARK S., US
[72] SCHULZ, MARK W., US
[72] KRAUSE, ERIC J., US
[72] MACKLEM, LEE G., US
[72] ROTH, WILLIAM M., US
[72] DARST, DANIEL, US
[73] INFINITY LASER MEASURING LLC, US
[73] KNOKE, ROBIN L., ZZ
[73] BRUNK, MATT J., ZZ
[73] FREEMAN, MARK S., ZZ
[73] SCHULZ, MARK W., ZZ
[73] KRAUSE, ERIC J., ZZ
[73] MACKLEM, LEE G., ZZ
[73] ROTH, WILLIAM M., ZZ
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[25] EN
[54] **METHODS AND MECHANISMS TO ENABLE PRIORITY CALLS IN A CELL THROUGH PRE-EMPTION OF OTHER CALLS**
[54] **PROCEDES ET MECANISMES PERMETTANT L'EXECUTION D'APPELS PRIORITAIRES PAR DEPLACEMENT D'AUTRES APPELS**
[72] CHIN, CHEN HO, BE
[72] FACCIN, STEFANO M., US
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[72] FONG, MO-HAN, CA
[73] CHIN, CHEN HO, ZZ
[73] FACCIN, STEFANO M., ZZ
[73] ISLAM, MUHAMMAD KHALEDUL, CA
[73] FONG, MO-HAN, CA
[73] BLACKBERRY LIMITED, CA
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[51] **Int.Cl. H05K 5/02 (2006.01) H02G 1/00 (2006.01)**
[25] EN
[54] **HOUSING FOR MOUNTING AN ELECTRICAL DEVICE**
[54] **BOITIER POUR L'INSTALLATION D'UN DISPOSITIF ELECTRIQUE**
[72] FONG, ROBERT, US
[72] GARDNER, DANIEL L., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[73] FONG, ROBERT, ZZ
[73] GARDNER, DANIEL L., ZZ
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[87] (2780366)
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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/14 (2006.01)**
[25] EN
[54] **CRYPTOGRAPHICALLY SECURE AUTHENTICATION DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'AUTHENTIFICATION CRYPTOGRAPHIQUEMENT SECURISEE**
[72] EMELKO, GLENN A., US
[73] EMELKO, GLENN A., ZZ
[73] ACLARA TECHNOLOGIES LLC, US
[85] 2012-05-10
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[54] **MELANOCORTIN-1 RECEPTOR-SPECIFIC CYCLIC PEPTIDES**
[54] **PEPTIDES CYCLIQUES SPECIFIQUES DU RECEPTEUR DE LA MELANOCORTINE-1**
[72] YANG, WEI, US
[72] SHI, YI-QUN, US
[73] PALATIN TECHNOLOGIES, INC., US
[73] YANG, WEI, ZZ
[73] SHI, YI-QUN, ZZ
[85] 2012-05-18
[86] 2010-11-23 (PCT/US2010/057699)
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[54] **MAGNETIC COMPOSITE PARTICLES**
[54] **PARTICULES COMPOSITES MAGNETIQUES**
[72] ROGIN, PETER, DE
[72] DE OLIVEIRA, PETER WILLIAM, DE
[72] WUEHR, CHRISTIAN, DE
[72] VEITH, MICHAEL, DE
[72] ESPIN, DOUGLAS, DE
[73] ROGIN, PETER, ZZ
[73] DE OLIVEIRA, PETER WILLIAM, ZZ
[73] WUEHR, CHRISTIAN, ZZ
[73] VEITH, MICHAEL, ZZ
[73] NEOTECHNOLOGY LLC, US
[73] ESPIN, DOUGLAS, ZZ
[85] 2012-06-04
[86] 2010-12-14 (PCT/EP2010/007611)
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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
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[54] **PHACOEMULSIFICATION HAND PIECE WITH INTEGRATED ASPIRATION PUMP**
[54] **APPAREIL MANUEL DE PHACOEMULSIFICATION AVEC POMPE D'ASPIRATION INTEGREE**
[72] SORENSEN, GARY P., US
[72] SUSSMAN, GLENN ROBERT, US
[73] ALCON RESEARCH, LTD., US
[73] SORENSEN, GARY P., ZZ
[73] SUSSMAN, GLENN ROBERT, ZZ
[85] 2012-06-06
[86] 2010-12-03 (PCT/US2010/058931)
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[51] **Int.Cl. B60G 7/00 (2006.01) B23K 26/24 (2014.01)**
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[54] **BUTT JOINTED CLOSED SECTION HOLLOW STRUCTURAL ELEMENT**
[54] **ELEMENT STRUCTURAL CREUX DE SECTION FERMEE SOUDE PAR RAPPROCHEMENT**
[72] GRUBER, RUDOLF, CA
[73] GRUBER, RUDOLF, CA
[73] MULTIMATIC INC., CA
[85] 2012-06-06
[86] 2010-12-16 (PCT/IB2010/055898)
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[51] **Int.Cl. H04W 4/24 (2009.01) H04W 4/12 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ASSOCIATE VOICE MESSAGES WITH MISSED CALLS**
[54] **METHODES ET APPAREIL POUR ASSOCIER LES MESSAGES VOCAUX AUX APPELS MANQUES**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[73] BALANNIK, VADIM, ZZ
[73] ELLIS, PATRICK DELL, ZZ
[73] BLACKBERRY LIMITED, CA
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[87] (2784653)
[22] 2012-08-07
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[25] EN
[54] **HIGH-FREQUENCY TRANSFORMER**
[54] **TRANSFORMATEUR HAUTE FREQUENCE**
[72] BRIDGE, MATTHEW, US
[73] SOLIDSTATE CONTROLS, LLC, US
[73] BRIDGE, MATTHEW, ZZ
[86] (2786459)
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[22] 2012-08-17
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[25] EN
[54] **METHOD AND APPARATUS FOR ASSISTED/COORDINATED INTRA-HOME COMMUNICATIONS**
[54] **PROCEDE ET APPAREIL PERMETTANT DES COMMUNICATIONS ASSISTEES/COORDONNEES AU SEIN DU FOYER**
[72] DI GIROLAMO, ROCCO, CA
[72] GAUVREAU, JEAN-LOUIS, CA
[72] LIN, ZINAN, US
[72] MURRAY, JOSEPH M., US
[72] TOUAG, ATHMANE, CA
[72] SAAD, AHMAD, CA
[72] FREDA, MARTINO, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[73] DI GIROLAMO, ROCCO, CA
[73] GAUVREAU, JEAN-LOUIS, CA
[73] LIN, ZINAN, ZZ
[73] MURRAY, JOSEPH M., ZZ
[73] TOUAG, ATHMANE, CA
[73] SAAD, AHMAD, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING DISCOVERY OF LOCAL SERVICE AVAILABILITY IN LOCAL CELLULAR COVERAGE**
[54] **SYSTEME ET PROCEDE POUR PERMETTRE LA DECOUVERTE DE DISPONIBILITE DE SERVICE LOCAL DANS UNE ZONE DE COUVERTURE CELLULAIRE LOCALE**
[72] FACCIN, STEFANO, US
[72] BAKKER, JAN HENDRIK LUCAS, US
[73] FACCIN, STEFANO, ZZ
[73] BAKKER, JAN HENDRIK LUCAS, ZZ
[73] BLACKBERRY LIMITED, CA
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[30] US (12/685,651) 2010-01-11

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[54] **DEVICE ASSISTED CDR CREATION, AGGREGATION, MEDIATION AND BILLING**
[54] **CREATION, AGREGATION, MEDIATION ET FACTURATION CDR ASSISTEES PAR DISPOSITIF**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER PARTNERS I LLC, US
[73] RALEIGH, GREGORY G., ZZ
[85] 2012-07-11
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[30] US (61/206,354) 2009-01-28
[30] US (61/206,944) 2009-02-04
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[25] EN
[54] **METHOD AND SYSTEM FOR INJECTING LIQUID IN A POROUS MATERIAL**
[54] **PROCEDE ET SYSTEME D'INJECTION DE LIQUIDE DANS UN MATERIAU POREUX**
[72] DUBOIS, PIERRE-MARIE, BE
[72] MICHAUX, DANIEL, FR
[73] DUBOIS, PIERRE-MARIE, ZZ
[73] MICHAUX, DANIEL, ZZ
[73] SOLETANCHE FREYSSINET, FR
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[51] **Int.Cl. B82B 3/00 (2006.01) B29C 59/02 (2006.01) B29D 7/01 (2006.01)**
[25] EN
[54] **NANOIMPRINTING OF SILK FIBROIN STRUCTURES FOR BIOMEDICAL AND BIOPHOTONIC APPLICATIONS**
[54] **LITHOGRAPHIE PAR NANO-IMPRESSION DE STRUCTURES DE FIBROINE DE SOIE POUR DES APPLICATIONS BIOMEDICALES ET BIOPHOTONIQUES**
[72] AMSDEN, JASON J., US
[72] KAPLAN, DAVID L., US
[72] OMENETTO, FIORENZO, US
[73] TRUSTEES OF TUFTS COLLEGE, US
[73] AMSDEN, JASON J., ZZ
[73] KAPLAN, DAVID L., ZZ
[73] OMENETTO, FIORENZO, ZZ
[85] 2012-08-06
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[25] EN
[54] **DEWAXING CATALYSTS**
[54] **CATALYSEURS DE DEPARAFFINAGE**
[72] MCCARTHY, STEPHEN J., US
[72] LAI, WENYIH FRANK, US
[72] LACY, DARRYL D., US
[72] KAY, ROBERT E., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[73] MCCARTHY, STEPHEN J., ZZ
[73] LAI, WENYIH FRANK, ZZ
[73] LACY, DARRYL D., ZZ
[73] KAY, ROBERT E., ZZ
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[30] US (61/337,694) 2010-02-09

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[25] EN
[54] **INTEGRATED STARTER ELEMENT FOR A FUEL CELL IN A HANDHELD DEVICE**
[54] **ELEMENT DEMARREUR INTEGRE POUR UNE PILE A COMBUSTIBLE DANS UN APPAREIL PORTATIF**
[72] RICH, DAVID GERARD, US
[73] RICH, DAVID GERARD, ZZ
[73] BLACKBERRY LIMITED, CA
[86] (2789544)
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[25] EN
[54] **NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING GASTROINTESTINAL AND GASTRIC CANCER**
[54] **NOUVELLE IMMUNOTHERAPIE CONTRE PLUSIEURS TUMEURS Y COMPRIS LE CANCER GASTRO-INTESTINAL ET LE CANCER GASTRIQUE**
[72] WEINSCHENK, TONI, DE
[72] FRITSCHE, JENS, DE
[72] WALTER, STEFFEN, DE
[72] LEWANDROWSKI, PETER, DE
[72] SINGH, HARPREET, DE
[73] IMMATICS BIOTECHNOLOGIES GMBH, DE
[73] WEINSCHENK, TONI, ZZ
[73] FRITSCHE, JENS, ZZ
[73] WALTER, STEFFEN, ZZ
[73] LEWANDROWSKI, PETER, ZZ
[73] SINGH, HARPREET, ZZ
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[54] **MECHANICAL PROCESSING OF OIL SANDS**
[54] **TRAITEMENT MECANIQUE DE SABLES BITUMINEUX**
[72] DUMA, THOMAS, CA
[73] CRYOEX OIL LTD., CA
[73] DUMA, THOMAS, CA
[85] 2012-08-15
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[54] **SYSTEM AND METHOD OF DETERMINING STANDBY TIME FOR MOBILE STATIONS**
[54] **SYSTEME ET METHODE POUR DETERMINER LE TEMPS D'ATTENTE DE STATIONS MOBILES**
[72] JIN, XIN, CA
[72] MALLALIEU, JENNIFER, CA
[72] SHEARER, FIONA, CA
[73] JIN, XIN, CA
[73] MALLALIEU, JENNIFER, CA
[73] SHEARER, FIONA, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ENCLOSING MATERIALS IN NATURAL TRANSPORT SYSTEMS**
[54] **ENCAPSULATION DE SUBSTANCES DANS DES SYSTEMES DE TRANSPORT EN MATIERES NATURELLES**
[72] EDWARDS, DAVID A., US
[72] HAUMONT, RAPHAEL, FR
[72] AZAMBOURG, FRANCOIS, FR
[73] LE LABOGROUP SAS, FR
[73] EDWARDS, DAVID A., ZZ
[73] HAUMONT, RAPHAEL, ZZ
[73] AZAMBOURG, FRANCOIS, ZZ
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[86] 2011-02-22 (PCT/US2011/025764)
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[54] **METHOD AND SYSTEM FOR REMOTE WIPE THROUGH VOICE MAIL**
[54] **METHODE ET SYSTEME POUR EFFACEMENT A DISTANCE PAR LE BIAIS DE LA MESSAGERIE VOCALE**
[72] WALKER, DAVID RYAN, CA
[72] FYKE, STEVEN HENRY, CA
[73] WALKER, DAVID RYAN, CA
[73] FYKE, STEVEN HENRY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SPECTROMETRIC INSTRUMENT**
[54] **INSTRUMENT SPECTROMETRIQUE**
[72] FOLKENBERG, JACOB, DK
[72] LARSEN, HANS, DK
[73] FOSS ANALYTICAL A/S, DK
[73] FOLKENBERG, JACOB, ZZ
[73] LARSEN, HANS, ZZ
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[54] **SYSTEM AND METHOD FOR MONITORING AGRICULTURAL PRODUCT DELIVERY**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE FLUX DE PRODUIT AGRICOLE**
[72] NOBLE, SCOTT DAVID, CA
[72] PASTL, DAVID MATTHEW, CA
[73] NOBLE, SCOTT DAVID, CA
[73] PASTL, DAVID MATTHEW, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[25] EN
[54] **HIGH CAPACITY MAGAZINE WITH MULTIPLE SPRINGS**
[54] **CHARGEUR DE GRANDE CAPACITE A RESSORTS MULTIPLES**
[72] SULLIVAN, LEROY JAMES, US
[72] WATERFIELD, ROBERT LLOYD, US
[72] EYSSAUTIER, HYUNJUNG SAMUEL, US
[73] ARMWEST, LLC, US
[73] SULLIVAN, LEROY JAMES, ZZ
[73] WATERFIELD, ROBERT LLOYD, ZZ
[73] EYSSAUTIER, HYUNJUNG SAMUEL, ZZ
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[54] **METHODS FOR BIOFUEL PRODUCTION**
[54] **PROCEDES POUR LA PRODUCTION DE BIOCARBURANTS**
[72] MASCHMEYER, THOMAS, AU
[72] HUMPHREYS, LEONARD JAMES, AU
[73] LICELLA PTY LTD, AU
[73] MASCHMEYER, THOMAS, ZZ
[73] HUMPHREYS, LEONARD JAMES, ZZ
[73] IGNITE RESOURCES PTY LTD, AU
[73] LICELLA FIBRE FUELS PTY LTD, AU
[85] 2012-10-05
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[25] EN
[54] **ENHANCED BALLISTIC PERFORMANCE OF POLYMER FIBERS**
[54] **PERFORMANCE BALISTIQUE AMELIOREE DE FIBRES POLYMERES**
[72] BHATNAGAR, ASHOK, US
[72] ARVIDSON, BRIAN D., US
[72] TAN, CHOK BIN C., US
[72] WAGNER, LORI L., US
[73] HONEYWELL INTERNATIONAL INC., US
[73] BHATNAGAR, ASHOK, ZZ
[73] ARVIDSON, BRIAN D., ZZ
[73] TAN, CHOK BIN C., ZZ
[73] WAGNER, LORI L., ZZ
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[25] EN
[54] **EMERGENCY VEHICLE PATIENT TRANSPORT SYSTEMS**
[54] **SYSTEMES DE TRANSPORT DE PATIENT POUR VEHICULE D'URGENCE**
[72] BOURGRAF, JOSEPH G., US
[72] WELLS, TIMOTHY ROBERT, US
[72] SCHROEDER, TIMOTHY PAUL, US
[73] FERNO-WASHINGTON, INC., US
[73] BOURGRAF, JOSEPH G., ZZ
[73] WELLS, TIMOTHY ROBERT, ZZ
[73] SCHROEDER, TIMOTHY PAUL, ZZ
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[86] 2011-04-25 (PCT/US2011/033748)
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[25] EN
[54] **METHOD AND APPARATUS FOR IMPLEMENTING A DATA LIFESPAN TIMER FOR ENHANCED DEDICATED CHANNEL TRANSMISSIONS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE UN CHRONOMETRE DE LA DUREE DE VIE DE DONNEES AFIN D'OBTENIR DES TRANSMISSIONS SUR CANAL RESERVE AMELIOREES**
[72] ZHANG, GUODONG, US
[72] TERRY, STEPHEN E., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[73] ZHANG, GUODONG, ZZ
[73] TERRY, STEPHEN E., ZZ
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[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC BAND SCHEDULING**
[54] **SYSTEME ET PROCEDE D'ORDONNANCEMENT DYNAMIQUE DE BANDES**
[72] NOVAK, ROBERT, CA
[72] STEER, DAVID, CA
[73] NOVAK, ROBERT, CA
[73] STEER, DAVID, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **PACKAGE WITH UNIQUE OPENING DEVICE AND METHOD FOR OPENING PACKAGE**
[54] **EMBALLAGE AVEC DISPOSITIF D'OUVERTURE UNIQUE ET PROCEDE D'OUVERTURE DE L'EMBALLAGE**
[72] PERELL, WILLIAM S., US
[72] SORENSEN, LEIF B., US
[72] RAPPAPORT, IRVING S., US
[73] POPPACK, LLC, US
[73] PERELL, WILLIAM S., ZZ
[73] SORENSEN, LEIF B., ZZ
[73] RAPPAPORT, IRVING S., ZZ
[85] 2012-11-07
[86] 2011-05-05 (PCT/US2011/035313)
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[25] EN
[54] **POLYMER-CONTAINING CLEANING COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **COMPOSITIONS NETTOYANTES CONTENANT DES POLYMERES ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] NEKMARD, FARID, US
[72] KOMESVARAKUL, NAPAPORN, US
[72] VARGABARAGH, ORSOLYA, US
[72] SUN, GUANGLIN, US
[73] THE SUN PRODUCTS CORPORATION, US
[73] NEKMARD, FARID, ZZ
[73] KOMESVARAKUL, NAPAPORN, ZZ
[73] VARGABARAGH, ORSOLYA, ZZ
[73] SUN, GUANGLIN, ZZ
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[54] **DETECTION AND ENUMERATION OF LEGIONELLA PNEUMOPHILA**
[54] **DETECTION ET ENUMERATION DES MICRO-ORGANISMES LEGIONELLA PNEUMOPHILA**
[72] FOVET, YANNICK, DE
[72] DUCRET, ADRIEN, FR
[72] DUKAN, SAM, FR
[72] PERIAME, MARINA, FR
[73] BASF SE, DE
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] FOVET, YANNICK, ZZ
[73] DUCRET, ADRIEN, ZZ
[73] DUKAN, SAM, ZZ
[73] PERIAME, MARINA, ZZ
[85] 2012-11-15
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[54] DIALYSIS SYSTEM
[54] SYSTEME DE DIALYSE
[72] WRAZEL, JULIE S., US
[72] CURTIS, JAMES R., US
[72] NONN, LADISLAUS, US
[72] PETERSON, RICHARD B., US
[72] WANG, HAILEI, US
[72] INGRAM-GOBLE, ROBBIE, US
[72] FISHER, LUKE W., US
[72] GARRISON, ANNA E., US
[72] DROST, M. KEVIN, US
[72] JOVANOVIC, GORAN, US
[72] MILLER, RICHARD TODD, US
[72] JOHNSON, BRUCE W., US
[72] ANDERSON, ALANA, US
[72] ANDERSON, ERIC K., US
[73] WRAZEL, JULIE S., ZZ
[73] CURTIS, JAMES R., ZZ
[73] NONN, LADISLAUS, ZZ
[73] PETERSON, RICHARD B., ZZ
[73] WANG, HAILEI, ZZ
[73] INGRAM-GOBLE, ROBBIE, ZZ
[73] FISHER, LUKE W., ZZ
[73] GARRISON, ANNA E., ZZ
[73] DROST, M. KEVIN, ZZ
[73] JOVANOVIC, GORAN, ZZ
[73] MILLER, RICHARD TODD, ZZ
[73] JOHNSON, BRUCE W., ZZ
[73] ANDERSON, ALANA, ZZ
[73] ANDERSON, ERIC K., ZZ
[73] OREGON STATE UNIVERSITY, US
[73] OUTSET MEDICAL, INC., US
[85] 2012-11-29
[86] 2011-06-06 (PCT/US2011/039295)
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[30] US (12/795,444) 2010-06-07

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[25] EN
[54] COLLATED T-NUT APPARATUS AND METHOD OF MANUFACTURING COLLATED T-NUTS AND APPARATUS AND METHOD FOR SEVERING AND INSERTING COLLATED T-NUTS
[54] APPAREIL D'ECROUS A POINTES A ENFONCER ASSEMBLES ET SON PROCEDE DE FABRICATION ET APPAREIL ET PROCEDE DESTINE A DISSOCIER ET INSERER DES ECROUS A POINTES A ENFONCER ASSEMBLES
[72] DIETER, JONATHAN WAYNE, US
[72] SELLE, STEPHEN R., US
[73] STAFAST PRODUCTS, INC., US
[73] DIETER, JONATHAN WAYNE, ZZ
[73] SELLE, STEPHEN R., ZZ
[85] 2012-11-29
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[30] US (61/433,300) 2011-01-17
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[51] Int.Cl. H04B 5/00 (2006.01) H04W 84/18 (2009.01)
[25] EN
[54] NEAR-FIELD COMMUNICATION (NFC) SYSTEM PROVIDING MOBILE WIRELESS COMMUNICATIONS DEVICE OPERATIONS BASED UPON TIMING AND SEQUENCE OF NFC SENSOR COMMUNICATION AND RELATED METHODS
[54] SYSTEME DE COMMUNICATION EN CHAMP PROCHE (NFC) ASSURANT DES OPERATIONS D'UN DISPOSITIF DE COMMUNICATION SANS FIL MOBILE SUR LA BASE D'UN MOMENT ET D'UN ORDRE DE COMMUNICATION AVEC DES CAPTEURS NFC, ET PROCEDES CORRESPONDANTS
[72] GRIFFIN, JASON TYLER, CA
[72] FYKE, STEPHEN HENRY, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[72] WALKER, DAVID RYAN, CA
[72] PASQUERO, JEROME, CA
[72] CARBONELL DUQUE, SANTIAGO, CA
[73] GRIFFIN, JASON TYLER, CA
[73] FYKE, STEPHEN HENRY, CA
[73] BENDER, CHRISTOPHER LYLE, CA
[73] WALKER, DAVID RYAN, CA
[73] PASQUERO, JEROME, CA
[73] CARBONELL DUQUE, SANTIAGO, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-12-04
[86] 2011-02-25 (PCT/CA2011/050113)
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[30] EP (10154914.5) 2010-02-26

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[51] **Int.Cl. E04H 17/00 (2006.01) E04F 11/18 (2006.01) E04H 12/00 (2006.01) E04H 17/20 (2006.01)**
[25] EN
[54] **MOUNTING ACCESSORY FOR SECURE ATTACHMENT OF RAILS TO PIPE-MOUNTED HOLLOW POSTS**
[54] **ACCESSOIRE DE FIXATION PERMETTANT DE FIXER SOLIDEMENT DES RAILS A DES POTEAUX CREUX DE CONTACT**
[72] FROESE, JOSEPH S., CA
[73] STRAIGHT'N LEVEL FENCING SOLUTIONS INC., CA
[73] FROESE, JOSEPH S., CA
[86] (2801762)
[87] (2801762)
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[51] **Int.Cl. F16F 9/54 (2006.01) B64C 27/00 (2006.01) B64D 27/00 (2006.01) F16F 9/16 (2006.01)**
[25] EN
[54] **ROTORCRAFT VIBRATION SUPPRESSION SYSTEM IN A FOUR CORNER PYLON MOUNT CONFIGURATION**
[54] **SYSTEME D'ELIMINATION DES VIBRATIONS DES GIRAVIONS DANS UNE CONFIGURATION DE FIXATION DE MATS A QUATRE COINS**
[72] LEE, TAEOH, US
[72] HEVERLY, DAVID E., II, US
[72] HENDRICKS, MATTHEW W., US
[72] GRIFFIN, MAURICE, US
[72] SMITH, MICHAEL R., US
[73] BELL HELICOPTER TEXTRON INC., US
[73] LEE, TAEOH, ZZ
[73] HEVERLY, DAVID E., II, ZZ
[73] HENDRICKS, MATTHEW W., ZZ
[73] GRIFFIN, MAURICE, ZZ
[73] SMITH, MICHAEL R., ZZ
[86] (2802152)
[87] (2802152)
[22] 2013-01-10
[30] US (13/347,237) 2012-01-10
[30] US (61/597,557) 2012-02-10
[30] US (13/736,687) 2013-01-08

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[51] **Int.Cl. H04N 5/913 (2006.01) G11B 20/00 (2006.01) H04L 9/32 (2006.01) H04N 7/16 (2011.01) H04N 7/173 (2011.01) H04N 7/24 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PREVENT MANIPULATION OF TRANSMITTED VIDEO DATA**
[54] **SYSTEME ET PROCEDE POUR EMPECHER LA MANIPULATION DES DONNEES VIDEO TRANSMISES**
[72] KUDELSKI, ANDRE, CH
[72] NICOLAS, CHRISTOPHE, CH
[73] NAGRAVISION S.A., CH
[73] KUDELSKI, ANDRE, ZZ
[73] NICOLAS, CHRISTOPHE, ZZ
[85] 2012-12-20
[86] 2011-06-24 (PCT/EP2011/060652)
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[30] US (61/364,834) 2010-07-16
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[51] **Int.Cl. G06Q 40/04 (2012.01) G06F 3/0482 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION BASED TARGET PREDICTION AND INTERACTION**
[54] **PROCEDE ET APPAREIL POUR L'INTERACTION ET LA PREDICTION DE CIBLE SUR LA BASE D'UN MOUVEMENT**
[72] BUCK, BRIAN J., US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[73] BUCK, BRIAN J., ZZ
[85] 2012-12-20
[86] 2011-06-29 (PCT/US2011/042268)
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[30] US (12/827,861) 2010-06-30

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[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL ANTIBODY CONJUGATES**
[54] **CONJUGUES D'ANTICORPS MULTIFONCTIONNELS**
[72] BHAT, ABHIJIT SURESH, US
[72] BRADSHAW, CURT WILLIAM, US
[72] LAURENT, OLIVIER ALEXANDRE, US
[72] PRESTON, RICHARD RYAN, US
[72] TUMELTY, DAVID, US
[72] WOOD, LAUREN DIANE, US
[72] YU, WEI HONG, US
[72] LEE, ALICE, US
[73] COVX TECHNOLOGIES IRELAND LIMITED, IE
[73] BHAT, ABHIJIT SURESH, ZZ
[73] BRADSHAW, CURT WILLIAM, ZZ
[73] LAURENT, OLIVIER ALEXANDRE, ZZ
[73] PRESTON, RICHARD RYAN, ZZ
[73] TUMELTY, DAVID, ZZ
[73] WOOD, LAUREN DIANE, ZZ
[73] YU, WEI HONG, ZZ
[73] LEE, ALICE, ZZ
[85] 2012-12-31
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[51] **Int.Cl. B66D 1/50 (2006.01)**
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[54] **VEHICLE CRANE**
[54] **GRUE SUR CAMION**
[72] HABERL, WALTER, AT
[72] WIMMER, ERICH, AT
[73] PALFINGER AG, AT
[73] HABERL, WALTER, ZZ
[73] WIMMER, ERICH, ZZ
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[54] **PIEZORESISTIVE LOAD SENSOR**
[54] **CAPTEUR DE CHARGE PIEZORESISTIF**
[72] BENFIELD, DAVID, CA
[72] MOUSSA, WALIED AHMED MOHAMED, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[73] BENFIELD, DAVID, ZZ
[73] MOUSSA, WALIED AHMED MOHAMED, ZZ
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[54] **MAIZE INBRED PH1KR5**
[54] **MAIS ENDOGAME PH1KR5**
[72] GRANT, KELVIN GRANDY, US
[72] PIPER, TODD ELLIOTT, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[73] GRANT, KELVIN GRANDY, ZZ
[73] PIPER, TODD ELLIOTT, ZZ
[86] (2806579)
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[30] US (13/400,662) 2012-02-21

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[25] EN
[54] **METHOD OF VARYING THE FLOW RATE OF FLUID FROM A MEDICAL PUMP AND HYBRID SENSOR SYSTEM PERFORMING THE SAME**
[54] **PROCEDE DE VARIATION DU DEBIT D'UN FLUIDE D'UNE POMPE MEDICALE ET SYSTEME A CAPTEUR HYDRIDE REALISANT CETTE VARIATION**
[72] JOHNSON, THOMAS, US
[72] FATHALLAH, MARWAN, US
[72] BAEK, KYUSUK, US
[73] JOHNSON, THOMAS, ZZ
[73] FATHALLAH, MARWAN, ZZ
[73] BAEK, KYUSUK, ZZ
[73] ICU MEDICAL, INC., US
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[25] EN
[54] **MAIZE INBRED PHPPE**
[54] **MAIS ENDOGAME PHPPE**
[72] PINNISCH, RUSSEL MILES, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[73] PINNISCH, RUSSEL MILES, ZZ
[86] (2806666)
[87] (2806666)
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[25] EN
[54] **MECHANICALLY ATTACHED FOLDING COVER**
[54] **BATTANT REPLIABLE MECANIQUEMENT FIXE**
[72] SMITH, DUSTIN JONATHAN, CA
[72] WOOD, TODD ANDREW, CA
[72] FAHRENDORFF, ANDERS, CA
[72] MURCHISON, IAN JAMES, CA
[73] SMITH, DUSTIN JONATHAN, CA
[73] WOOD, TODD ANDREW, CA
[73] FAHRENDORFF, ANDERS, CA
[73] MURCHISON, IAN JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2807041)
[87] (2807041)
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[54] **METHOD FOR PRODUCING CARBONYL COMPOUND**
[54] **PROCEDE DE PRODUCTION DE COMPOSES CARBONYLES**
[72] SHINOHATA, MASAAKI, JP
[72] MIYAKE, NOBUHISA, JP
[73] ASAHI KASEI CHEMICALS CORPORATION, JP
[73] SHINOHATA, MASAAKI, ZZ
[73] MIYAKE, NOBUHISA, ZZ
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[54] **KEYBOARD INPUT CONTROL METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMMANDE DE SAISIE AU CLAVIER**
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[72] GRIFFIN, JASON TYLER, CA
[73] PASQUERO, JEROME, CA
[73] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[73] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2807658)
[87] (2807658)
[22] 2013-02-26
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[25] EN
[54] **INDICATOR SYSTEMS IN NIGHT VISION DEVICES**
[54] **SYSTEMES INDICATEURS MENAGES DANS DES DISPOSITIFS DE VISION NOCTURNE**
[72] LYNAM, JEFF RONALD, US
[72] ADAMS, SCOTT JOSEPH, US
[73] LYNAM, JEFF RONALD, ZZ
[73] ADAMS, SCOTT JOSEPH, ZZ
[73] EXELIS INC., US
[85] 2013-02-22
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[25] EN
[54] **BIOLOGICAL FLUID SAMPLING AND STORAGE APPARATUS FOR REMOTE USE**
[54] **APPAREIL D'ECHANTILLONNAGE ET DE STOCKAGE DE LIQUIDES BIOLOGIQUES POUR UNE UTILISATION A DISTANCE**
[72] HILL, JAMES, US
[72] HILL, JEANETTE, US
[73] HILL, JAMES, ZZ
[73] SPOT ON SCIENCES, INC., US
[73] HILL, JEANETTE, ZZ
[85] 2013-02-26
[86] 2011-07-25 (PCT/US2011/045167)
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[54] **AUDIO SIGNATURE EXTRACTION AND CORRELATION**
[54] **EXTRACTION ET CORRELATION DE SIGNATURE AUDIO**
[72] LU, DAOZHENG, US
[72] DENG, KEQIANG, US
[72] SRINIVASAN, VENUGOPAL, US
[73] THE NIELSEN COMPANY (US), LLC, US
[73] LU, DAOZHENG, ZZ
[73] DENG, KEQIANG, ZZ
[73] SRINIVASAN, VENUGOPAL, ZZ
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[25] EN
[54] **CUSTOM COLOR TONER PRODUCTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE TONERS COULEUR PERSONNALISES**
[72] FAUCHER, SANTIAGO, CA
[72] PAWELKA, GERHARDT S., CA
[72] KAMEL, MAJID, CA
[72] HAWKINS, MICHAEL S., CA
[72] YANG, SUXIA, CA
[72] VEREGIN, RICHARD P.N., CA
[72] BARBISAN, JOSEPH C., CA
[73] XEROX CORPORATION, US
[73] FAUCHER, SANTIAGO, CA
[73] PAWELKA, GERHARDT S., CA
[73] KAMEL, MAJID, CA
[73] HAWKINS, MICHAEL S., CA
[73] YANG, SUXIA, CA
[73] VEREGIN, RICHARD P.N., CA
[73] BARBISAN, JOSEPH C., CA
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[87] (2810176)
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[51] **Int.Cl. E21B 33/064 (2006.01)**
[25] EN
[54] **BLOWOUT PREVENTER RAM ASSEMBLY AND METHOD OF USING SAME**
[54] **ENSEMBLE PISTON POUR OBTURATEUR ANTI-ERUPTION ET SON PROCEDE D'UTILISATION**
[72] WEIR, JAMES WILLIAM, US
[72] ENSLEY, ERIC TREVOR, US
[73] NATIONAL OILWELL VARCO, L.P., US
[73] WEIR, JAMES WILLIAM, ZZ
[73] ENSLEY, ERIC TREVOR, ZZ
[85] 2013-03-04
[86] 2011-09-13 (PCT/US2011/051472)
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[25] EN
[54] **USE OF DIKETOPIPERAZINES FOR INHIBITING VASCULAR HYPERPERMEABILITY**
[54] **UTILISATION DE DIKETOPIPERAZINES EN VUE D'INHIBER L'HYPERPERMEABILITE VASCULAIRE**
[72] BAR-OR, DAVID, US
[73] BAR-OR, DAVID, ZZ
[73] AMPIO PHARMACEUTICALS, INC., US
[85] 2013-03-07
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[25] EN
[54] **DIKETOPIPERAZINE COMPOSITIONS FOR THE TREATMENT OF METABOLIC SYNDROME AND RELATED CONDITIONS**
[54] **COMPOSITIONS DE DIKETOPIPERAZINE DESTINEES AU TRAITEMENT DE SYNDROME METABOLIQUE ET DE TROUBLES ASSOCIES**
[72] BAR-OR, DAVID, US
[73] BAR-OR, DAVID, ZZ
[73] AMPIO PHARMACEUTICALS, INC., US
[85] 2013-03-07
[86] 2011-09-07 (PCT/US2011/050618)
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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) G06F 11/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EVALUATING THE RESILIENCY OF A DISTRIBUTED COMPUTING SERVICE BY INDUCING A LATENCY**
[54] **PROCEDE ET SYSTEME PERMETTANT L'EVALUATION DE LA RESISTANCE D'UN SERVICE D'INFORMATIQUE DISTRIBUEE PAR L'INDUCTION D'UNE LATENCE**
[72] TSEITLIN, ARIEL, US
[72] SADHU, PRAVEEN, US
[72] TONSE, SUDHIR, US
[72] KAMATH, PRADEEP, US
[73] NETFLIX, INC., US
[73] TSEITLIN, ARIEL, ZZ
[73] SADHU, PRAVEEN, ZZ
[73] TONSE, SUDHIR, ZZ
[73] KAMATH, PRADEEP, ZZ
[86] (2810869)
[87] (2810869)
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[51] **Int.Cl. B63B 25/00 (2006.01)**
[25] EN
[54] **SHIP COMPRISING FASTENING MEANS ARRANGED IN A GRID OVER THE CARGO AREA**
[54] **NAVIRE EQUIPE D'UN MOYEN DE FIXATION AGENCE DANS UN RESEAU SUR LA SURFACE DE CHARGEMENT**
[72] ROHDEN, ROLF, DE
[72] ALBRECHTS, HARALD, DE
[73] WOBBEN PROPERTIES GMBH, DE
[73] ROHDEN, ROLF, ZZ
[73] ALBRECHTS, HARALD, ZZ
[85] 2013-03-13
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[25] EN
[54] **METHOD AND DEVICE HAVING TOUCHSCREEN KEYBOARD WITH VISUAL CUES**
[54] **PROCEDE ET APPAREIL A ECRAN TACTILE AVEC INDICES VISUELS**
[72] GRIFFIN, JASON TYLER, CA
[72] HAMILTON, ALISTAIR ROBERT, CA
[72] PASQUERO, JEROME, CA
[73] GRIFFIN, JASON TYLER, CA
[73] HAMILTON, ALISTAIR ROBERT, CA
[73] PASQUERO, JEROME, CA
[73] BLACKBERRY LIMITED, CA
[86] (2812457)
[87] (2812457)
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[51] **Int.Cl. B63B 27/30 (2006.01) B63B 35/03 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR TRANSFERRING PIPES FROM A CARRIER VESSEL TO AN UNDERWATER-PIPELINE LAYING VESSEL**
[54] **NAVIRE TRANSPORTEUR DESTINE A ACHEMINER DES TUBES A UN NAVIRE DE POSE DE PIPELINES SOUS-MARINS, ET PROCEDE ET ENSEMBLE POUR TRANSFERER DES TUBES D'UN NAVIRE TRANSPORTEUR A UN NAVIRE DE POSE DE PIPELINES SOUS-MARINS**
[72] ARDAVANIS, KIMON, IT
[72] ROLLA, EDOARDO, IT
[73] SAIPEM S.P.A., IT
[73] ARDAVANIS, KIMON, ZZ
[73] ROLLA, EDOARDO, ZZ
[85] 2013-03-25
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[25] EN
[54] **PROCESSES FOR PREPARATION OF LUBIPROSTONE**
[54] **PROCEDES DE PREPARATION DE LUBIPROSTONE**
[72] HENSCHKE, JULIAN P., AU
[72] LIU, YUANLIAN, CN
[72] XIA, LIZHEN, CN
[72] CHEN, YUNG-FA, CN
[73] SCINOPHARM (KUNSHAN) BIOCHEMICAL TECHNOLOGY CO., LTD., CN
[73] HENSCHKE, JULIAN P., ZZ
[73] LIU, YUANLIAN, ZZ
[73] XIA, LIZHEN, ZZ
[73] CHEN, YUNG-FA, ZZ
[85] 2013-04-05
[86] 2010-10-15 (PCT/CN2010/001614)
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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **SERVERS AND METHODS FOR OPERATING A COMMUNICATION SYSTEM**
[54] **SERVEURS ET METHODES D'EXPLOITATION D'UN SYSTEME DE COMMUNICATION**
[72] KUMAR, ANIL, US
[72] AYYAGARI, ARUN, US
[73] THE BOEING COMPANY, US
[73] KUMAR, ANIL, ZZ
[73] AYYAGARI, ARUN, ZZ
[86] (2817143)
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[22] 2013-05-28
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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MULTIPLE TRAINING SEQUENCES FOR PEAK-TO-AVERAGE POWER RATIO REDUCTION IN PRECODED BURSTS**
[54] **PROCEDE ET SYSTEME POUR SEQUENCES MULTIPLES D'APPRENTISSAGE POUR REDUCTION DU RAPPORT PUISSANCE CRETE SUR PUISSANCE MOYENNE DANS SALVES CODEES PREALABLEMENT**
[72] XIN, YAN, CA
[72] QU, SHOUXING SIMON, CA
[72] WU, HUAN, CA
[72] BUCKLEY, MICHAEL EOIN, US
[72] VUTUKURI, ESWAR, GB
[73] XIN, YAN, CA
[73] QU, SHOUXING SIMON, CA
[73] WU, HUAN, CA
[73] BUCKLEY, MICHAEL EOIN, ZZ
[73] VUTUKURI, ESWAR, ZZ
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-09
[86] 2011-02-21 (PCT/US2011/025614)
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[51] **Int.Cl. A47C 20/04 (2006.01)**
[25] EN
[54] **A DEVICE FOR ADJUSTING FURNITURE**
[54] **DISPOSITIF POUR L'AJUSTEMENT D'UN MEUBLE**
[72] VIBERG, MICHAEL, SE
[73] PASS OF SWEDEN AB, SE
[73] VIBERG, MICHAEL, ZZ
[85] 2013-05-15
[86] 2011-10-21 (PCT/EP2011/068448)
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[51] **Int.Cl. H04H 60/81 (2009.01) H04H 20/95 (2009.01) H04H 40/00 (2009.01)**
[25] EN
[54] **BROADCAST SIGNAL TRANSMITTER, BROADCAST SIGNAL RECEIVER, AND METHOD FOR TRANSCEIVING BROADCAST SIGNALS IN BROADCAST SIGNAL TRANSCEIVERS**
[54] **EMETTEUR DE SIGNAUX DIFFUSES, RECEPTEUR DE SIGNAUX DIFFUSES ET PROCEDE D'EMISSION ET DE RECEPTION DE SIGNAUX DIFFUSES ENTRE L'EMETTEUR DE SIGNAUX DIFFUSES ET LE RECEPTEUR DE SIGNAUX DIFFUSES**
[72] HONG, HOTAEK, KR
[72] MOON, SANGCHUL, KR
[72] LEE, JOONHUI, KR
[72] KO, WOOKSUK, KR
[73] LG ELECTRONICS INC., KR
[73] HONG, HOTAEK, ZZ
[73] MOON, SANGCHUL, ZZ
[73] LEE, JOONHUI, ZZ
[73] KO, WOOKSUK, ZZ
[85] 2013-05-16
[86] 2011-04-28 (PCT/KR2011/003135)
[87] (WO2011/136574)
[30] US (61/328,652) 2010-04-28
[30] US (61/377,977) 2010-08-29

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[51] **Int.Cl. H04L 12/12 (2006.01) H04L 1/16 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CODING AND LINKING ELECTRICAL APPLIANCES FOR CONTROL AND STATUS REPORT**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE LIAISON D'APPAREILS ELECTRIQUES POUR COMMANDE ET RAPPORT D'ETAT**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[73] ELBERBAUM, DAVID, ZZ
[85] 2013-05-16
[86] 2011-10-18 (PCT/US2011/056631)
[87] (WO2012/078244)
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[25] EN
[54] **BOTTLE CUTTER**
[54] **COUPE-BOUTEILLE**
[72] LEHOUX, PATRICK, CA
[73] LEHOUX, PATRICK, CA
[86] (2818364)
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[22] 2013-06-11
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[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/225 (2006.01)**
[25] EN
[54] **SUPERSTRUCTURE AND METHODS FOR MANUFACTURING THE SAME**
[54] **SUPERSTRUCTURE ET METHODES POUR SA FABRICATION**
[72] BENZON, STURE, SE
[73] BENZON, STURE, ZZ
[73] HERAEUS KULZER GMBH, DE
[86] (2819745)
[87] (2819745)
[22] 2013-06-26
[30] SE (1250815-6) 2012-07-11

[11] **2,819,782**
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[51] **Int.Cl. H04W 8/20 (2009.01) G06F 21/00 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSFERRING SUBSCRIPTION INFORMATION BETWEEN TERMINALS**
[54] **PROCEDE POUR TRANSFERER DES DONNEES D'ABONNEMENT ENTRE DES TERMINAUX**
[72] BRADLEY, PAUL, US
[73] GEMALTO SA, FR
[73] BRADLEY, PAUL, ZZ
[85] 2013-06-03
[86] 2011-12-05 (PCT/EP2011/071737)
[87] (WO2012/076464)
[30] EP (10306359.0) 2010-12-06

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[51] **Int.Cl. E05D 13/00 (2006.01) E05D 15/00 (2006.01)**
[25] EN
[54] **LOCKING CARRIER AND MOUNTING ARRANGEMENT FOR TILT SASH COUNTERBALANCE SYSTEMS**
[54] **DISPOSITIF PORTEUR ET TYPE DE MONTAGE POUR SYSTEMES DE CONTREPOIDS DE CHASSIS INCLINE**
[72] KELLUM, WILBUR JAMES, III, US
[72] MERTZ, ERIC, US
[72] BAKER, MARK R., US
[72] TULLER, JEFFREY, US
[72] DENORMAND, RICHARD S., US
[72] SMITH, FLETCHER, US
[72] SOFIANEK, JAY, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[73] KELLUM, WILBUR JAMES, III, ZZ
[73] MERTZ, ERIC, ZZ
[73] BAKER, MARK R., ZZ
[73] TULLER, JEFFREY, ZZ
[73] DENORMAND, RICHARD S., ZZ
[73] SMITH, FLETCHER, ZZ
[73] SOFIANEK, JAY, ZZ
[86] (2819875)
[87] (2819875)
[22] 2013-06-28
[30] US (61/665558) 2012-06-28

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[51] **Int.Cl. G01D 21/00 (2006.01) G01C 19/00 (2013.01) G01D 21/02 (2006.01) G01R 33/02 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **CONTROLLING SENSOR USE ON AN ELECTRONIC DEVICE**
[54] **COMMANDE D'UTILISATION DES CAPTEURS D'UN DISPOSITIF ELECTRONIQUE**
[72] OLIVER, ROBERT GEORGE, CA
[72] PARCO, ADAM LOUIS, CA
[72] BUCHANAN, NATHAN DANIEL POZNIAK, CA
[73] BLACKBERRY LIMITED, CA
[73] OLIVER, ROBERT GEORGE, CA
[73] PARCO, ADAM LOUIS, CA
[73] BUCHANAN, NATHAN DANIEL POZNIAK, CA
[86] (2822339)
[87] (2822339)
[22] 2013-08-02
[30] EP (12182154.0) 2012-08-29

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[13] A1
[51] **Int.Cl. F24H 1/22 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **VARIABLE BYPASS PIPELINE HEATER**
[54] **RECHAUFFEUR DE CANALISATION A DERIVATION VARIABLE**
[72] BARENDREGT, JEREMY, CA
[72] BARENDREGT, CALEB, CA
[73] BARENDREGT, JEREMY, CA
[73] BARENDREGT, CALEB, CA
[73] CERTEK HEAT MACHINE INC., CA
[86] (2822669)
[87] (2822669)
[22] 2013-08-01
[30] US (13/862,952) 2013-04-15

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[13] A1
[51] **Int.Cl. A61F 5/34 (2006.01) A61M 39/22 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **COMPRESSION DEVICE PUMPING**
[54] **DISPOSITIF DE POMPAGE PAR COMPRESSION**
[72] DESHPANDE, MANISH, US
[72] MALHI, ARNAZ, US
[72] HUTTON, DANIEL, US
[73] COVIDIEN LP, US
[73] DESHPANDE, MANISH, ZZ
[73] MALHI, ARNAZ, ZZ
[73] HUTTON, DANIEL, ZZ
[86] (2823493)
[87] (2823493)
[22] 2013-08-13
[30] US (13/630,829) 2012-09-28

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[13] A1
[51] **Int.Cl. A23L 33/21 (2016.01) A23L 29/20 (2016.01) A23L 29/244 (2016.01) A23L 29/256 (2016.01) A23L 29/269 (2016.01) A61K 31/723 (2006.01) A61K 31/734 (2006.01) A61K 31/736 (2006.01) A61K 36/00 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/08 (2006.01)**
[25] EN
[54] **DIETARY SUPPLEMENT, AND METHODS OF USE**
[54] **COMPLEMENT ALIMENTAIRE ET SES METHODES D'UTILISATION**
[72] GAHLER, ROLAND J., CA
[72] LYON, MICHAEL, CA
[72] LEE, NICOLE, CA
[73] INOVOBIOLOGIC, INC., CA
[73] GAHLER, ROLAND J., CA
[73] LYON, MICHAEL, CA
[73] LEE, NICOLE, CA
[86] (2823646)
[87] (2823646)
[22] 2006-04-10
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[30] US (60/670,944) 2005-04-12

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[51] **Int.Cl. G01N 33/483 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **COMPENSATED PATCH-CLAMP AMPLIFIER FOR NANOPORE POLYNUCLEOTIDE SEQUENCING AND OTHER APPLICATIONS**
[54] **AMPLIFICATEUR DE PATCH-CLAMP COMPENSE POUR LE SEQUENCAGE DE POLYNUCLEOTIDES DE NANOPORE ET D'AUTRES APPLICATIONS**
[72] DUNBAR, WILLIAM, US
[72] KIM, JUNGSUK, US
[72] PEDROTTI, KENNETH, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] DUNBAR, WILLIAM, ZZ
[73] KIM, JUNGSUK, ZZ
[73] PEDROTTI, KENNETH, ZZ
[85] 2013-07-03
[86] 2012-07-18 (PCT/US2012/047231)
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[30] US (61/572,829) 2011-07-20

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[51] **Int.Cl. C09K 5/04 (2006.01) F25B 30/02 (2006.01)**
[25] EN
[54] **PRODUCING HEATING USING WORKING FLUIDS COMPRISING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[54] **PRODUCTION DE CHAUFFAGE AU MOYEN DE FLUIDES ACTIFS COMPRENANT DU Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[72] KONTOMARIS, KONSTANTINOS, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[73] KONTOMARIS, KONSTANTINOS, ZZ
[85] 2013-07-10
[86] 2012-01-31 (PCT/US2012/023267)
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[30] US (61/437,964) 2011-01-31
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[51] **Int.Cl. H04N 13/04 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **VIRTUAL REALITY DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE DE REALITE VIRTUELLE**
[72] COVINGTON, CHRISTOPHER LEONARD, US
[73] THE BOEING COMPANY, US
[73] COVINGTON, CHRISTOPHER LEONARD, ZZ
[86] (2825563)
[87] (2825563)
[22] 2013-08-28
[30] US (13/661,971) 2012-10-26

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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C07K 14/525 (2006.01)**
[25] EN
[54] **TUMOR NECROSIS FACTOR-A HUMANIZED ANTIBODY**
[54] **ANTICORPS HUMANISE ANTI-FACTEUR DE NECROSE TUMORAL A**
[72] ZHU, BAOGUO, CN
[72] TAO, DESHENG, CN
[72] SUN, BILL NAI-CHAU, CN
[72] SUN, LEE-HWEI KING, CN
[72] LIOU, RUEY SHYAN, CN
[72] SUN, CECILY ROU-YUN, CN
[72] LI, QIANG, CN
[72] PENG, YUCAI, CN
[72] ZHANG, JINGWEI, CN
[72] HU, ZHENXIANG, CN
[73] LIVZON MABPHARM INC., CN
[73] ZHU, BAOGUO, ZZ
[73] TAO, DESHENG, ZZ
[73] SUN, BILL NAI-CHAU, ZZ
[73] SUN, LEE-HWEI KING, ZZ
[73] LIOU, RUEY SHYAN, ZZ
[73] SUN, CECILY ROU-YUN, ZZ
[73] LI, QIANG, ZZ
[73] PENG, YUCAI, ZZ
[73] ZHANG, JINGWEI, ZZ
[73] HU, ZHENXIANG, ZZ
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[30] CN (201110048505.1) 2011-02-28
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[51] **Int.Cl. E03F 3/04 (2006.01) E02D 29/12 (2006.01) E03F 5/02 (2006.01) F16L 3/12 (2006.01)**
[25] EN
[54] **GUIDE LINER FOR BREAK-AWAY FITTING**
[54] **CHEMISAGE DE GUIDE POUR RACCORD DETACHABLE**
[72] KOWALAK, MARK, US
[72] LIN, CHIH, US
[72] NEER, KIRK, US
[73] CRANE PUMPS & SYSTEMS, INC., US
[73] KOWALAK, MARK, ZZ
[73] LIN, CHIH, ZZ
[73] NEER, KIRK, ZZ
[85] 2013-08-20
[86] 2012-02-21 (PCT/US2012/025843)
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[51] **Int.Cl. E05F 3/18 (2006.01) E05F 1/00 (2006.01)**
[25] EN
[54] **DOOR ACTUATOR**
[54] **VERIN DE PORTE**
[72] MCKIBBEN, AARON PATRICK, US
[72] EICKHOFF, BRIAN CHRISTOPHER, US
[73] SCHLAGE LOCK COMPANY LLC, US
[73] MCKIBBEN, AARON PATRICK, ZZ
[73] EICKHOFF, BRIAN CHRISTOPHER, ZZ
[85] 2013-08-22
[86] 2012-02-22 (PCT/US2012/026149)
[87] (WO2012/116084)
[30] US (61/445,419) 2011-02-22
[30] US (13/243,657) 2011-09-23
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[51] **Int.Cl. F03D 5/02 (2006.01) F03D 9/25 (2016.01)**
[25] EN
[54] **TETHERED WING FOR WIND POWER CONVERSION**
[54] **PROTOFIBRILES ET OLIGOMERES A TERMINAL N TRONQUE DESTINES A UN USAGE DANS LES METHODES DE THERAPIE ET DIAGNOSTIC DE LA MALADIE D'ALZHEIMER ET DE TROUBLES ASSOCIES**
[72] FAGIANO, LORENZO, IT
[72] MILANESE, MARIO, IT
[73] KITENERGY S.R.L., IT
[73] FAGIANO, LORENZO, ZZ
[73] MILANESE, MARIO, ZZ
[85] 2013-08-27
[86] 2012-03-22 (PCT/IB2012/051378)
[87] (WO2012/127444)
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[51] **Int.Cl. G01S 13/58 (2006.01)**
[25] EN
[54] **MEASUREMENT OF BLADED ROTORS**
[54] **MESURES DE ROTORS A PALES**
[72] HOCHREUTINER, OLIVIER, CH
[72] GEISHEIMER, JONATHAN, CH
[72] HOLST, THOMAS, CH
[72] QUELOZ, SYLVAIN, CH
[72] KWAPISZ, DAVID, CH
[72] NAID-ABDELLAH, RACHID, CH
[73] HOCHREUTINER, OLIVIER, ZZ
[73] GEISHEIMER, JONATHAN, ZZ
[73] HOLST, THOMAS, ZZ
[73] QUELOZ, SYLVAIN, ZZ
[73] KWAPISZ, DAVID, ZZ
[73] NAID-ABDELLAH, RACHID, ZZ
[73] MEGGITT SA, CH
[85] 2013-09-09
[86] 2012-03-22 (PCT/US2012/030076)
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[30] US (61/466,622) 2011-03-23

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR PROVIDING IN-BAND ATSC VESTIGIAL SIDEBAND SIGNALING OR OUT-OF-BAND SIGNALING**
[54] **APPAREIL, SYSTEMES ET PROCEDES PRODUISANT UNE SIGNALISATION DE BANDE LATERALE RESIDUELLE ATSC INTRABANDE OU UNE SIGNALISATION HORS BANDE**
[72] SIMON, MICHAEL, US
[73] ROHDE & SCHWARZ GMBH & CO. KG, DE
[73] SIMON, MICHAEL, ZZ
[86] (2829921)
[87] (2829921)
[22] 2006-04-20
[62] 2,605,969
[30] US (60/673,101) 2005-04-20
[30] US (11/276,473) 2006-03-01

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[51] **Int.Cl. G01V 7/00 (2006.01) G01V 7/06 (2006.01)**
[25] EN
[54] **USE OF FREQUENCY STANDARDS FOR GRAVITATIONAL SURVEYS**
[54] **UTILISATION D'ETALONS DE FREQUENCE POUR DES ETUDES GRAVITATIONNELLES**
[72] MOLDENHAUER, KARSTEN, DE
[73] BAKER HUGHES INCORPORATED, US
[73] MOLDENHAUER, KARSTEN, ZZ
[85] 2013-09-19
[86] 2012-03-23 (PCT/US2012/030339)
[87] (WO2012/135020)
[30] US (61/467,431) 2011-03-25
[30] US (61/511,683) 2011-07-26

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 1/21 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12N 15/90 (2006.01) C40B 40/02 (2006.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **METHODS OF CREATING MODIFIED PROMOTERS RESULTING IN VARYING LEVELS OF GENE EXPRESSION**
[54] **METHODE DE CREATION DE PROMOTEURS MODIFIES PERMETTANT D'OBTENIR DIFFERENTS NIVEAUX D'EXPRESSION GENIQUE**
[72] CERVIN, MARGUERITE A., US
[72] VALLE, FERNANDO, US
[73] CERVIN, MARGUERITE A., ZZ
[73] VALLE, FERNANDO, ZZ
[73] DANISCO US INC., US
[86] (2830864)
[87] (2830864)
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[62] 2,483,006
[30] US (60/374,735) 2002-04-22
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[51] **Int.Cl. B64D 45/04 (2006.01) B60R 21/239 (2006.01) B64C 25/08 (2006.01) B64C 25/32 (2006.01) B64C 25/56 (2006.01) B64D 25/00 (2006.01)**
[25] EN
[54] **CONSTANT AREA VENT FOR EXTERNAL CRASH ATTENUATION AIRBAG**
[54] **EVENT A SURFACE CONSTANTE POUR COUSSIN GONFLABLE EXTERIEUR D'ATTENUATION D'ECRASEMENT**
[72] LU, ZI, US
[72] THO, CHENG-HO, US
[72] SMITH, MICHAEL R., US
[72] HILL, ANDREW T., US
[72] RAJAN, SAMGEETH, IN
[73] BELL HELICOPTER TEXTRON INC., US
[73] LU, ZI, ZZ
[73] THO, CHENG-HO, ZZ
[73] SMITH, MICHAEL R., ZZ
[73] HILL, ANDREW T., ZZ
[73] RAJAN, SAMGEETH, ZZ
[85] 2013-09-20
[86] 2011-03-30 (PCT/US2011/030514)
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[51] **Int.Cl. B29C 73/00 (2006.01) B29C 44/16 (2006.01) B64C 3/20 (2006.01)**
[25] EN
[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**
[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**
[72] THIAGARAJAN, RAMESH, US
[72] INGRAM, THEODORE W., III, US
[72] MCCULLOUGH, JOHN R., US
[72] MISHRA, SUVANKAR, US
[72] MAY, CARL, US
[73] BELL HELICOPTER TEXTRON INC., US
[73] THIAGARAJAN, RAMESH, ZZ
[73] INGRAM, THEODORE W., III, ZZ
[73] MCCULLOUGH, JOHN R., ZZ
[73] MISHRA, SUVANKAR, ZZ
[73] MAY, CARL, ZZ
[86] (2831088)
[87] (2831088)
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 52/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BASED ON DATA ACTIVITY SENSITIVE TIMERS**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA CONSOMMATION DE PUISSANCE EN FONCTION DE MINUTERIES SENSIBLES AUX ACTIVITES DE DONNEES**
[72] SWANN, CRAIG IAN HAIGHT, CA
[72] DEU-NGOC, JOSEPH TU-LONG, CA
[73] BLACKBERRY LIMITED, CA
[73] SWANN, CRAIG IAN HAIGHT, CA
[73] DEU-NGOC, JOSEPH TU-LONG, CA
[86] (2831112)
[87] (2831112)
[22] 2013-10-24
[30] US (61/718,028) 2012-10-24

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[51] **Int.Cl. G02C 5/12 (2006.01) G02B 1/06 (2006.01)**
[25] EN
[54] **GOGGLE WITH ADJUSTABLE NOSE AREA**
[54] **LUNETTES DE SECURITE A PONT DE NEZ REGLABLE**
[72] MCNEAL, JOSEPH R., US
[72] GIROUX, GEORGE T., US
[73] SMITH OPTICS, INC., US
[73] MCNEAL, JOSEPH R., ZZ
[73] GIROUX, GEORGE T., ZZ
[86] (2831450)
[87] (2831450)
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[51] **Int.Cl. G01N 1/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETECTION OF SOLIDS**
[54] **DISPOSITIF POUR DETECTER DES SOLIDES**
[72] EICHNER, HARALD, DE
[72] HUCK, MICHAEL, DE
[73] KABA GALLENSCHUTZ GMBH, DE
[73] EICHNER, HARALD, ZZ
[73] HUCK, MICHAEL, ZZ
[85] 2013-10-03
[86] 2012-04-05 (PCT/DE2012/100095)
[87] (WO2012/139564)
[30] DE (10 2011 002 097.7) 2011-04-15

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[51] **Int.Cl. C10M 135/36 (2006.01)**
[25] EN
[54] **ALKALI & ALKALINE EARTH THIADIAZOLE ADDITIVES AND LUBRICATING COMPOSITIONS CONTAINING THE SAME**
[54] **ADDITIFS DE THIADIAZOLE ALCALINS ET ALCALINO-TERREUX ET COMPOSITIONS LUBRIFIANTES COMPRENANT CEUX-CI**
[72] TEPPER, RONALD J., US
[72] AGUILAR, GASTON A., US
[73] VANDERBILT CHEMICALS, LLC, US
[73] TEPPER, RONALD J., ZZ
[73] AGUILAR, GASTON A., ZZ
[85] 2013-10-08
[86] 2012-05-04 (PCT/US2012/036548)
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[13] A1
[51] **Int.Cl. A47L 9/04 (2006.01) A47L 11/40 (2006.01)**
[25] EN
[54] **AN AUTONOMOUS MOBILE ROBOT FOR CLEANING WITH A FRONT ROLLER IN A FIRST HORIZONTAL PLANE POSITIONED ABOVE A SECOND HORIZONTAL PLANE OF A REAR ROLLER**
[54] **ROBOT MOBILE AUTONOME DESTINE AU NETTOYAGE POURVU D'UNE ROUE AVANT DANS UN PREMIER PLAN HORIZONTAL POSITIONNE AU-DESSUS D'UN DEUXIEME PLAN HORIZONTAL D'UNE ROUE ARRIERE**
[72] BURSAL, FARUK HALIL, US
[72] THERRIEN, RICHARD JOSEPH, US
[72] MORIN, RUSSELL WALTER, US
[72] GILBERT, DUANE LEIGH, JR., US
[73] IROBOT CORPORATION, US
[73] BURSAL, FARUK HALIL, ZZ
[73] THERRIEN, RICHARD JOSEPH, ZZ
[73] MORIN, RUSSELL WALTER, ZZ
[73] GILBERT, DUANE LEIGH, JR., ZZ
[85] 2013-10-10
[86] 2012-04-30 (PCT/US2012/035898)
[87] (WO2012/149575)
[30] US (61/481,147) 2011-04-29

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[51] **Int.Cl. A47L 9/04 (2006.01) A47L 11/40 (2006.01)**
[25] EN
[54] **RESILIENT AND COMPRESSIBLE ROLLER AND AUTONOMOUS COVERAGE ROBOT**
[54] **ROULEAU AMORTISSEUR ET COMPRESSIBLE ET ROBOT A COUVERTURE AUTONOME**
[72] GILBERT, DUANE LEIGH, JR., US
[72] BURSAL, FARUK HALIL, US
[72] THERRIEN, RICHARD JOSEPH, US
[72] MORIN, RUSSELL WALTER, US
[73] IROBOT CORPORATION, US
[73] GILBERT, DUANE LEIGH, JR., ZZ
[73] BURSAL, FARUK HALIL, ZZ
[73] THERRIEN, RICHARD JOSEPH, ZZ
[73] MORIN, RUSSELL WALTER, ZZ
[85] 2013-10-10
[86] 2012-04-30 (PCT/US2012/035894)
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[30] US (61/481,147) 2011-04-29

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[51] **Int.Cl. A23L 33/135 (2016.01) A61K 35/741 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A23P 10/30 (2016.01) A23L 2/02 (2006.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 47/26 (2006.01) B01J 13/02 (2006.01) C12N 11/04 (2006.01) C12N 11/10 (2006.01)**
[25] EN
[54] **ENCAPSULATION SYSTEM FOR PROTECTION OF PROBIOTICS DURING PROCESSING**
[54] **SYSTEME D'ENCAPSULATION POUR LA PROTECTION DE PROBIOTIQUES PENDANT UN TRAITEMENT**
[72] FANG, YUAN, US
[72] KENNEDY, BREDA, IE
[72] RIVERA, TEODORO, US
[72] HAN, KYOUNG-SIK, NZ
[72] ANAL, ANIL KUMAR, TH
[72] SINGH, HARJINDER, NZ
[73] PEPSICO, INC., US
[73] FANG, YUAN, ZZ
[73] KENNEDY, BREDA, ZZ
[73] RIVERA, TEODORO, ZZ
[73] HAN, KYOUNG-SIK, ZZ
[73] ANAL, ANIL KUMAR, ZZ
[73] SINGH, HARJINDER, ZZ
[73] MASSEY UNIVERSITY, NZ
[85] 2013-10-15
[86] 2012-04-11 (PCT/US2012/033112)
[87] (WO2012/142153)
[30] US (13/088,165) 2011-04-15

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[51] **Int.Cl. G03G 9/09 (2006.01) C08J 3/16 (2006.01)**
[25] EN
[54] **COLOR TONER**
[54] **TONER DE COULEUR**
[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[72] ZONA, MICHAEL F., US
[72] MANG, MARK E., US
[72] SWEENEY, MAURA A., US
[72] BAYLEY, ROBERT D., US
[73] XEROX CORPORATION, US
[73] KMIECIK-LAWRYNOWICZ, GRAZYNA E., ZZ
[73] ZONA, MICHAEL F., ZZ
[73] MANG, MARK E., ZZ
[73] SWEENEY, MAURA A., ZZ
[73] BAYLEY, ROBERT D., ZZ
[86] (2833611)
[87] (2833611)
[22] 2013-11-19
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[54] **METHODS AND DEVICES FOR GENERATING ACTION ITEM FROM EMAIL**
[54] **METHODES ET DISPOSITIFS POUR GENERER UNE MESURE A PRENDRE A PARTIR D'UN COURRIEL**
[72] LESSARD, JOSHUA ROLAND, CA
[72] MAGE, PETER HENRY, CA
[72] WONG, STEPHEN KWOK SUN, CA
[72] LOGAN, ADRIAN MICHAEL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2834005)
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[54] **GAMBLING AND/OR GAMING APPARATUS**
[54] **DISPOSITIF DE PARI ET/OU DE JEU**
[72] KAIBLINGER, HARALD, AT
[72] SCHROTTER, FLORIAN, AT
[73] NOVOMATIC AG, AT
[73] KAIBLINGER, HARALD, ZZ
[73] SCHROTTER, FLORIAN, ZZ
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[54] **SUPERSTRUCTURE AND METHODS FOR MANUFACTURING THE SAME**
[54] **SUPERSTRUCTURE ET PROCEDES DE FABRICATION ASSOCIES**
[72] BENZON, STURE, SE
[73] BENZON, STURE, ZZ
[73] HERAEUS KULZER GMBH, DE
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[25] EN
[54] **STACKED NOODLE FOR HIGH CAPACITY PULL-OFF FOR A COMPOSITE STRINGER**
[54] **SPAGHETTIERE SUPERPOSEE POUR UN RAPPEL A GRANDE CAPACITE DESTINEE A UN LONGERON COMPOSITE**
[72] KAMARAJ, MALMURUGAN, US
[72] MATHESON, DONALD PAUL, US
[73] THE BOEING COMPANY, US
[73] KAMARAJ, MALMURUGAN, ZZ
[73] MATHESON, DONALD PAUL, ZZ
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[25] EN
[54] **METHOD, SYSTEM AND AGGREGATION ENGINE FOR PROVIDING STRUCTURAL REPRESENTATIONS OF PHYSICAL ENTITIES**
[54] **PROCEDE, SYSTEME ET MOTEUR D'AGREGATION PERMETTANT DE FOURNIR DES REPRESENTATIONS STRUCTURELLES D'ENTITES PHYSIQUES**
[72] ROUAT, JEAN, CA
[72] CARON, LOUIS-CHARLES, CA
[72] DE LADURANTAYE, VINCENT, CA
[72] MAILHOT, FREDERIC, CA
[72] BERGERON, JOCELYN, CA
[73] ROUAT, JEAN, CA
[73] CARON, LOUIS-CHARLES, CA
[73] DE LADURANTAYE, VINCENT, CA
[73] MAILHOT, FREDERIC, CA
[73] BERGERON, JOCELYN, CA
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[54] **COMPOSITIONS COMPRISING ANTIBACTERIAL AGENT AND TAZOBACTAM**
[54] **COMPOSITIONS COMPRENANT UN AGENT ANTIBACTERIEN ET DU TAZOBACTAM**
[72] BHAGWAT, SACHIN SUBHASH, IN
[72] JAFRI, MOHAMMAD ALAM, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
[73] BHAGWAT, SACHIN SUBHASH, ZZ
[73] JAFRI, MOHAMMAD ALAM, ZZ
[73] PATEL, MAHESH VITHALBHAI, ZZ
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[25] EN
[54] **METHOD AND SYSTEM FOR PREDICTING VIRAL ADVERTS TO AFFECT INVESTMENT STRATEGIES**
[54] **METHODE ET SYSTEME POUR PREDIRE DES PUBLICITES VIRALES AYANT UNE INCIDENCE SUR LES STRATEGIES DE PLACEMENT**
[72] SMYTH, CONOR, IE
[73] FMR LLC, US
[73] SMYTH, CONOR, ZZ
[86] (2835971)
[87] (2835971)
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[25] FR
[54] **AEROGEL-BASED MATERIAL THAT IS SUPER-INSULATING AT ATMOSPHERIC PRESSURE**
[54] **MATERIAU SUPER-ISOLANT A PRESSION ATMOSPHERIQUE A BASE D'AEROGEL**
[72] YRIEIX, BERNARD, FR
[72] MOREL, BENOIT, FR
[72] FORAY, GENEVIEVE, FR
[72] BOGNER, AGNES (DECEDE), FR
[73] ELECTRICITE DE FRANCE, FR
[73] YRIEIX, BERNARD, ZZ
[73] MOREL, BENOIT, ZZ
[73] FORAY, GENEVIEVE, ZZ
[73] BOGNER, AGNES (DECEDE), ZZ
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[25] EN
[54] **CLEANING IMPLEMENT BASED ON MELAMINE-FORMALDEHYDE FOAM COMPRISING HOLLOW MICROSPHERES**
[54] **INSTRUMENT DE NETTOYAGE A BASE DE MOUSSE DE MELAMINE-FORMALDEHYDE COMPORTANT DES MICROSPHERES CREUSES**
[72] PUNG, DAVID JOHN, US
[72] GONZALES, DENIS ALFRED, BE
[72] STEINKE, TOBIAS HEINZ, DE
[72] NESSEL, PETER, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] PUNG, DAVID JOHN, ZZ
[73] GONZALES, DENIS ALFRED, ZZ
[73] STEINKE, TOBIAS HEINZ, ZZ
[73] NESSEL, PETER, ZZ
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[54] **MASS FLOWMETER**
[54] **DEBITMETRE MASSIQUE**
[72] SUN, XIAOJUN, CN
[73] WALSN ENTERPRISES LTD., CA
[73] SUN, XIAOJUN, ZZ
[86] (2837794)
[87] (2837794)
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[54] **UNIFIED MERGE MODE AND ADAPTIVE MOTION VECTOR PREDICTION MODE CANDIDATES SELECTION**
[54] **SELECTION DE CANDIDATS DE MODES DE PREVISION DE VECTEUR DE MOUVEMENT ADAPTATIF ET DE MODES DE FUSION UNIFIES**
[72] ZHENG, YUNFEI, US
[72] WANG, XIANGLIN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[73] ZHENG, YUNFEI, ZZ
[73] WANG, XIANGLIN, ZZ
[73] KARCZEWICZ, MARTA, ZZ
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[54] **COLUMNAR AIR MOVING DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE DEPLACEMENT D'AIR EN COLONNE, SYSTEMES ET METHODES**
[72] AVEDON, RAYMOND B., US
[73] AIRIUS IP HOLDINGS, LLC, US
[73] AVEDON, RAYMOND B., ZZ
[85] 2013-12-10
[86] 2012-06-13 (PCT/US2012/042309)
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[54] **MANIFOLD TRAILER WITH MULTIPLE ARTICULATING ARM ASSEMBLIES**
[54] **REMORQUE DE COLLECTEUR COMPRENANT DE MULTIPLES ENSEMBLES BRAS D'ARTICULATION**
[72] UNGCHUSRI, TEP, US
[72] GARNER, WILLIAM H., US
[72] CRAWFORD, PAUL A., US
[72] SOLTAU, JAMES R., US
[73] FMC TECHNOLOGIES, INC., US
[73] UNGCHUSRI, TEP, ZZ
[73] GARNER, WILLIAM H., ZZ
[73] CRAWFORD, PAUL A., ZZ
[73] SOLTAU, JAMES R., ZZ
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[54] **AN INVERT EMULSION FLUID CONTAINING A HYGROSCOPIC LIQUID, A POLYMERIC SUSPENDING AGENT, AND LOW-DENSITY SOLIDS**
[54] **FLUIDE A EMULSION INVERSE CONTENANT UN LIQUIDE HYGROSCOPIQUE, UN AGENT DE SUSPENSION POLYMERE, ET DES SOLIDES A FAIBLE MASSE VOLUMIQUE**
[72] MAGHRABI, SHADAAB S., IN
[72] WAGLE, VIKRANT B., IN
[72] KULKARNI, DHANASHREE G., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] MAGHRABI, SHADAAB S., ZZ
[73] WAGLE, VIKRANT B., ZZ
[73] KULKARNI, DHANASHREE G., ZZ
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[54] **CONNECTOR FOR ACTUATING DELIVERING TAPS**
[54] **RACCORD POUR ACTIONNER DES ROBINETS DE DISTRIBUTION**
[72] NINI, DIEGO, IT
[73] VITOP MOULDING S.R.L., IT
[73] NINI, DIEGO, ZZ
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[54] **HAND SANDABLE FAST REPAIR BODY FILLER/PUTTY/PRIMER SURFACER**
[54] **CORPS DE REMPLISSAGE/MASTIC/APPRET D'IMPRESSION POUR REPARATION RAPIDE POUVANT ETRE PONCE A LA MAIN**
[72] ADAMS, ROBERT MARK, US
[72] LAKE, RANDALL, US
[72] SCHALLICK, MICHAEL R., US
[73] ILLINOIS TOOL WORKS INC., US
[73] ADAMS, ROBERT MARK, ZZ
[73] LAKE, RANDALL, ZZ
[73] SCHALLICK, MICHAEL R., ZZ
[85] 2013-12-20
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[51] **Int.Cl. B32B 15/01 (2006.01) B32B 37/02 (2006.01) C22F 1/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **INTERMETALLIC METALLIC COMPOSITE, METHOD OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**
[54] **COMPOSITE METALLIQUE INTERMETALLIQUE, LEUR PROCEDE DE FABRICATION ET ARTICLES LES CONTENANT**
[72] GUEST, RANDALL V., US
[72] JOHNSON, MICHAEL H., US
[72] XU, ZHIYUE, US
[73] BAKER HUGHES INCORPORATED, US
[73] GUEST, RANDALL V., ZZ
[73] JOHNSON, MICHAEL H., ZZ
[73] XU, ZHIYUE, ZZ
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[25] FR
[54] **PROCESS FOR SYNTHESIZING OMEGA-FUNCTIONALIZED ACIDS FROM FATTY ACIDS OR FATTY ESTERS**
[54] **PROCEDE DE SYNTHESE D'ACIDES OMEGA-FONCTIONNALISES A PARTIR D'ACIDES OU D'ESTERS GRAS**
[72] DUBOIS, JEAN-LUC, FR
[73] ARKEMA FRANCE, FR
[73] DUBOIS, JEAN-LUC, ZZ
[85] 2014-01-06
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[54] **FILE ENCRYPTION METHOD AND DEVICE, FILE DECRYPTION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE CHIFFREMENT DE FICHIERS, PROCEDE ET DISPOSITIF DE DECHIFFREMENT DE FICHIERS**
[72] BI, TINGLI, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[73] BI, TINGLI, ZZ
[85] 2014-01-14
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[54] **MULTI-SURFACES CLEANING IMPLEMENT**
[54] **DISPOSITIF DE NETTOYAGE MULTI-SURFACE**
[72] GOH, JEROME JOO GE, US
[72] KURJAN, CHRISTINE MARIE, US
[72] DAVIS-WILSON, JENNIFER ELLEN, US
[72] KOPELOW, LEO, US
[72] VERBIEST, JAN HENDRIK MARIA, US
[72] STACKPOLE, ARTHUR BRYON JR., US
[72] CROWE, THOMAS GEORGE, US
[72] ROHRBAUGH, ELIZABETH ANN, US
[72] WURZELBACHER, TRACEY ANN, US
[72] NEWMAN, MATTHEW LLOYD, US
[72] LANG, ERIN MEREDITH, US
[72] ZENKICH, RAMONA, US
[72] HALTER, JEFFREY THOMAS, US
[72] WATKINS, ANTHONY JAMES, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] GOH, JEROME JOO GE, ZZ
[73] KURJAN, CHRISTINE MARIE, ZZ
[73] DAVIS-WILSON, JENNIFER ELLEN, ZZ
[73] KOPELOW, LEO, ZZ
[73] VERBIEST, JAN HENDRIK MARIA, ZZ
[73] STACKPOLE, ARTHUR BRYON JR., ZZ
[73] CROWE, THOMAS GEORGE, ZZ
[73] ROHRBAUGH, ELIZABETH ANN, ZZ
[73] WURZELBACHER, TRACEY ANN, ZZ
[73] NEWMAN, MATTHEW LLOYD, ZZ
[73] LANG, ERIN MEREDITH, ZZ
[73] ZENKICH, RAMONA, ZZ
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[73] WATKINS, ANTHONY JAMES, ZZ
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[54] **STATION FOR RAPIDLY CHARGING AN ELECTRIC VEHICLE BATTERY**
[54] **STATION POUR CHARGER RAPIDEMENT UNE BATTERIE DE VEHICULE ELECTRIQUE**
[72] DYER, CHRISTOPHER K., US
[72] EPSTEIN, MICHAEL L., US
[72] CULVER, DUNCAN, US
[73] LIGHTENING ENERGY, US
[73] DYER, CHRISTOPHER K., ZZ
[73] EPSTEIN, MICHAEL L., ZZ
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[25] EN
[54] **SELECTIVE OXIDATION OF A MODIFIED MCRALY COMPOSITION LOADED WITH HIGH LEVELS OF CERAMIC ACTING AS A BARRIER TO SPECIFIC OXIDE FORMATIONS**
[54] **OXYDATION SELECTIVE D'UNE COMPOSITION MCRALY MODIFIEE CHARGEE DE NIVEAUX ELEVES DE CERAMIQUE AGISSANT COMME UNE BARRIERE A DES FORMATIONS D'OXYDE SPECIFIQUES**
[72] JAROSINSKI, WILLIAM, US
[73] PRAXAIR S.T. TECHNOLOGY, INC., US
[73] JAROSINSKI, WILLIAM, ZZ
[86] (2842993)
[87] (2842993)
[22] 2014-02-14
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[51] **Int.Cl. G02C 3/00 (2006.01)**
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[54] **STRAP ATTACHMENT SYSTEMS AND GOGGLES INCLUDING SAME**
[54] **SYSTEMES DE FIXATION DE SANGLE ET LUNETTES DE SECURITE COMPRENANT CELLE-CI**
[72] MCNEAL, JOSEPH R., US
[73] SMITH OPTICS, INC., US
[73] MCNEAL, JOSEPH R., ZZ
[86] (2843692)
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[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND PROGRAM PRODUCT FOR PERFORMING A FULLY AUTOMATED WORKFLOW FOR WELL PERFORMANCE MODEL CREATION AND CALIBRATION**
[54] **SYSTEMES ET PROGRAMME D'EXECUTION D'UN PROCESSUS ENTIEREMENT AUTOMATISE POUR LA CREATION ET L'ETALONNAGE D'UN MODELE DE PERFORMANCES DE PUITS**
[72] AL-SHAMMARI, AHMAD TARIQ, SA
[73] SAUDI ARABIAN OIL COMAPNY, SA
[73] AL-SHAMMARI, AHMAD TARIQ, ZZ
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[51] **Int.Cl. A61B 50/30 (2016.01)**
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[54] **PACKAGING FOR MEDICAL DEVICES**
[54] **EMBALLAGE POUR DISPOSITIFS MEDICAUX**
[72] GRABOWSKI, WOITECH, CH
[72] SCHWEIKER, WERNER, CH
[73] GRABOWSKI, WOITECH, ZZ
[73] SCHWEIKER, WERNER, ZZ
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **IMPLANT SYSTEM WITH POLYMERIC INSERT AND TWO TRAY OPTIONS**
[54] **SYSTEME D'IMPLANT A INSERT POLYMERE ET DEUX OPTIONS DE PLATEAU**
[72] DONG, NICHOLAS NAI GUANG, US
[72] POGGIE, MATTHEW P., US
[72] SCHMIDT, WALTER, US
[73] HOWMEDICA OSTEONICS CORP., US
[73] DONG, NICHOLAS NAI GUANG, ZZ
[73] POGGIE, MATTHEW P., ZZ
[73] SCHMIDT, WALTER, ZZ
[86] (2844788)
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[22] 2014-03-04
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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/14 (2006.01)**
[25] EN
[54] **DRILL BIT-MOUNTED DATA ACQUISITION SYSTEMS AND ASSOCIATED DATA TRANSFER APPARATUS AND METHOD**
[54] **SYSTEMES D'ACQUISITION DE DONNEES MONTES SUR UN TREPAN, APPAREIL ET PROCEDE DE TRANSFERT DE DONNEES ASSOCIES**
[72] HABERNAL, JASON R., US
[72] GLASGOW, R. KEITH, JR., US
[72] SULLIVAN, ERIC C., US
[72] TRINH, TU TIEN, US
[73] BAKER HUGHES INCORPORATED, US
[73] HABERNAL, JASON R., ZZ
[73] GLASGOW, R. KEITH, JR., ZZ
[73] SULLIVAN, ERIC C., ZZ
[73] TRINH, TU TIEN, ZZ
[85] 2014-02-19
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[54] **SPORTS EQUIPMENT AND FACILITY DISINFECTION**
[54] **DESINFECTION D'EQUIPEMENTS ET D'INSTALLATIONS DE SPORTS**
[72] SHANNON, MICHAEL EDWARD, CA
[72] ZOUTMAN, DICK ERIC, CA
[73] MEDIZONE INTERNATIONAL INC., US
[73] SHANNON, MICHAEL EDWARD, CA
[73] ZOUTMAN, DICK ERIC, CA
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[54] **SYSTEM, APPARATUS, AND METHOD FOR UTILIZATION OF BRACELET GALVANIC ANODES TO PROTECT SUBTERRANEAN WELL CASING SECTIONS SHIELDED BY CEMENT AT A CELLAR AREA**
[54] **SYSTEME, APPAREIL ET PROCEDE D'UTILISATION D'ANODES GALVANIQUES EN BRACELET POUR PROTEGER DES SECTIONS DE TUBAGE DE PUITS SOUTERRAIN PROTEGEES PAR DU CIMENT A UNE ZONE DE CAVE**
[72] AL-MUBASHER, MOHAMMED H., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] AL-MUBASHER, MOHAMMED H., ZZ
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[54] **DISTANCE MEASUREMENT USING INCOHERENT OPTICAL REFLECTOMETRY**
[54] **TELEMETRIE APPLIQUANT LA REFLECTOMETRIE OPTIQUE INCOHERENTE**
[72] BARRY, ALEXANDER M., US
[72] DUNCAN, ROGER GLEN, US
[72] CHILDERS, BROOKS A., US
[72] HARMAN, ROBERT M., US
[72] HOMA, DANIEL S., US
[72] BALAGOPAL, AJIT, US
[72] COUCH, PHILIP ROBIN, GB
[73] BAKER HUGHES INCORPORATED, US
[73] BARRY, ALEXANDER M., ZZ
[73] DUNCAN, ROGER GLEN, ZZ
[73] CHILDERS, BROOKS A., ZZ
[73] HARMAN, ROBERT M., ZZ
[73] HOMA, DANIEL S., ZZ
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[25] EN
[54] **OPERATION OF A LED LIGHTING SYSTEM AT A TARGET OUTPUT COLOR USING A COLOR SENSOR**
[54] **FONCTIONNEMENT D'UN SYSTEME D'ECLAIRAGE DEL PRODUISANT UNE COULEUR CIBLEE A L'AIDE D'UN CAPTEUR DE COULEUR**
[72] MELANSON, STEPHANE, CA
[72] SISTO, MARCO MICHELE, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[73] MELANSON, STEPHANE, CA
[73] SISTO, MARCO MICHELE, CA
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[25] EN
[54] **SYSTEM FOR CONTROLLING AIR FLOW WITHIN AN AGRICULTURAL PRODUCT METERING SYSTEM**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT D'AIR A L'INTERIEUR D'UN SYSTEME DE DOSAGE DE PRODUIT AGRICOLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[73] KOWALCHUK, TREVOR LAWRENCE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[85] 2014-03-17
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[54] **TAMPER RESISTANT PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS PHARMACEUTIQUES INVIOLABLES**
[72] GUIDO, DEBORA, US
[72] HUANG, HAIYONG HUGH, US
[73] GUIDO, DEBORA, ZZ
[73] HUANG, HAIYONG HUGH, ZZ
[73] PURDUE PHARMA L.P., US
[85] 2014-04-11
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[25] EN
[54] **PRINTING APPARATUS, POWER SUPPLY CONTROL APPARATUS, POWER SUPPLY CONTROL METHOD, AND STORAGE MEDIUM**
[54] **IMPRIMANTE, APPAREIL DE COMMANDE D'ALIMENTATION ELECTRIQUE, PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE ET SUPPORT DE STOCKAGE**
[72] IMOTO, YUKINOBU, JP
[73] IMOTO, YUKINOBU, ZZ
[73] CASIO COMPUTER CO., LTD., JP
[86] (2849500)
[87] (2849500)
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[25] EN
[54] **SYSTEM AND METHOD FOR QUANTUM INFORMATION TRANSFER BETWEEN OPTICAL PHOTONS AND SUPERCONDUCTIVE QUBITS**
[54] **SYSTEME ET PROCEDE POUR TRANSFERT D'INFORMATION QUANTIQUE ENTRE DES PHOTONS OPTIQUES ET DES BITS QUANTIQUES SUPERCONDUCTEURS**
[72] PAIK, HANHEE, US
[73] RAYTHEON BBN TECHNOLOGIES CORP., US
[73] PAIK, HANHEE, ZZ
[86] (2849589)
[87] (2849589)
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[54] **ELECTROMAGNETIC TRANSMITTER**
[54] **EMETTEUR ELECTROMAGNETIQUE**
[72] FARQUE, JASON, US
[72] FARQUE, ERIC, US
[73] CONTROL DEVICES, INC., US
[73] FARQUE, JASON, ZZ
[73] FARQUE, ERIC, ZZ
[86] (2850115)
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[25] EN
[54] **POLYHYDROXYL - SUBSTITUTED AMINO COMPOUNDS, POLYMERS CONTAINING, AND THEIR USE**
[54] **COMPOSES AMINES SUBSTITUES PAR PLUSIEURS GROUPES HYDROXYLE, POLYMERES LES CONTENANT ET LEUR UTILISATION**
[72] HORGAN, JAMES P., US
[72] KLANG, JEFFREY A., US
[72] HAZELL, THOMAS, US
[72] HE, YUHONG, US
[73] ARKEMA FRANCE, FR
[73] HORGAN, JAMES P., ZZ
[73] KLANG, JEFFREY A., ZZ
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[54] **METHOD FOR REMOVAL OF ORGANIC AMINES FROM HYDROCARBON STREAMS**
[54] **PROCEDE DE RETRAIT D'AMINES ORGANIQUES DE COURANTS D'HYDROCARBURES**
[72] AL-HAZMI, MOHAMMED H., SA
[72] HASHMI, SYED M. AZHAR, SA
[72] NAFFISA, ABDULLAH, SA
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA
[73] AL-HAZMI, MOHAMMED H., ZZ
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[25] EN
[54] **APPARATUS FOR MOUNTING A PHOTOVOLTAIC MODULE**
[54] **APPAREIL POUR MONTER UN MODULE PHOTOVOLTAIQUE**
[72] ROENSCH, JONATHAN, US
[72] HILL, BRIAN R., US
[72] SCHUIT, NATHAN, US
[72] TWITCHELL, ERIN, US
[73] UNIRAC, INC., US
[73] ROENSCH, JONATHAN, ZZ
[73] HILL, BRIAN R., ZZ
[73] SCHUIT, NATHAN, ZZ
[73] TWITCHELL, ERIN, ZZ
[86] (2851936)
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[25] EN
[54] **ELECTRICALLY CONDUCTIVE MATERIALS FORMED BY ELECTROPHORESIS**
[54] **MATERIAUX ELECTROCONDUCTEURS FORMES PAR ELECTROPHORESE**
[72] BURNHAM, KENNETH, US
[72] SKOV, RICHARD, US
[73] FLEXCON COMPANY, INC., US
[73] BURNHAM, KENNETH, ZZ
[73] SKOV, RICHARD, ZZ
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[25] EN
[54] **METHOD OF USING CONTROLLED RELEASE TRACERS**
[54] **PROCEDE D'UTILISATION DE TRACEURS A LIBERATION CONTROLEE**
[72] GUPTA, D.V. SATYANARAYANA, US
[72] BRANNON, HAROLD DEAN, US
[73] BAKER HUGHES INCORPORATED, US
[73] GUPTA, D.V. SATYANARAYANA, ZZ
[73] BRANNON, HAROLD DEAN, ZZ
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[54] **SYSTEMS AND METHODS FOR COLLECTING PRIMARY AND SECONDARY DATA ASSOCIATED WITH SHIPPING CONTAINERS**
[54] **SYSTEMES ET PROCEDES DE COLLECTE DE DONNEES PRIMAIRES ET SECONDAIRES ASSOCIEES A DES CONTENEURS D'EXPEDITION**
[72] SALZMAN, DAVID RAY, US
[72] SKONBERG, CARL MARTIN, US
[73] SALZMAN, DAVID RAY, ZZ
[73] SKONBERG, CARL MARTIN, ZZ
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[51] **Int.Cl. C09J 7/02 (2006.01) A61F 13/02 (2006.01) B65B 11/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PRESSURE-SENSITIVE ADHESIVE TAPE PACKAGE**
[54] **PROCEDE DE FABRICATION D'EMBALLAGE DE RUBAN ADHESIF**
[72] MIYACHIKA, TAKAFUMI, JP
[72] TAKADA, KIYOTAKA, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[73] MIYACHIKA, TAKAFUMI, ZZ
[73] TAKADA, KIYOTAKA, ZZ
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[54] **BLANK AND FORMING TOOL FOR FORMING A CONTAINER**
[54] **EBAUCHE ET OUTIL DE MISE EN FORME POUR MISE EN FORME D'UN CONTENANT**
[72] WNEK, PATRICK H., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[73] WNEK, PATRICK H., ZZ
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[25] EN
[54] **A MEDICAL DEVICE SUITABLE FOR TREATING REFLUX FROM A STOMACH TO AN OESOPHAGUS**
[54] **DISPOSITIF MEDICAL POUR LE TRAITEMENT DU REFLUX D'UN ESTOMAC VERS UN OESOPHAGE**
[72] BEHAN, NIALL, IE
[72] DEVERY, DONAL, IE
[72] FINNEGAN, SEAN, GB
[72] LYONS, EDWIN, IE
[72] MCLAUGHLIN, ENDA, IE
[73] BEHAN, NIALL, ZZ
[73] DEVERY, DONAL, ZZ
[73] FINNEGAN, SEAN, ZZ
[73] LYONS, EDWIN, ZZ
[73] MCLAUGHLIN, ENDA, ZZ
[73] COLOPLAST A/S, DK
[86] (2853623)
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[54] **INTRA-MODE VIDEO CODING**
[54] **CODAGE VIDEO A MODE INTRA**
[72] SEREGIN, VADIM, US
[72] CHIEN, WEI-JUNG, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[73] SEREGIN, VADIM, ZZ
[73] CHIEN, WEI-JUNG, ZZ
[73] KARCZEWICZ, MARTA, ZZ
[85] 2014-04-25
[86] 2012-11-02 (PCT/US2012/063297)
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[51] **Int.Cl. H04J 11/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING DATA UNIT IN WIRELESS LOCAL AREA NETWORK SYSTEM AND APPARATUS FOR SUPPORTING SAME**
[54] **PROCEDE DE TRANSMISSION D'UNITE DE DONNEES DANS SYSTEME DE RESEAU LOCAL SANS FIL ET APPAREIL LE PRENANT EN CHARGE**
[72] PARK, JONG HYUN, KR
[72] YOU, HYANG SUN, KR
[72] KIM, BONG HOE, KR
[72] SEOK, YONG HO, KR
[73] LG ELECTRONICS INC., KR
[73] PARK, JONG HYUN, ZZ
[73] YOU, HYANG SUN, ZZ
[73] KIM, BONG HOE, ZZ
[73] SEOK, YONG HO, ZZ
[85] 2014-05-15
[86] 2012-11-19 (PCT/KR2012/009798)
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[51] **Int.Cl. G07C 3/14 (2006.01) G01N 37/00 (2006.01) G01K 11/12 (2006.01)**
[25] EN
[54] **A QUALITY CONTROL SENSOR METHOD, SYSTEM AND DEVICE FOR USE WITH BIOLOGICAL/ENVIRONMENTAL RAPID DIAGNOSTIC TEST DEVICES**
[54] **METHODE, SYSTEME ET DISPOSITIF CAPTEUR DE CONTROLE QUALITE A UTILISER AVEC DES DISPOSITIFS DE TEST DE DIAGNOSTIC RAPIDE BIOLOGIQUE/ENVIRONNEMENTAL**
[72] XIANG, QING, CA
[72] CHIMURA, MACIEJ, CA
[72] FINE, IAN MICHAEL, CA
[72] GREENLAND, GRAHAM, CA
[72] ZASTAWNY, ROMAN, CA
[73] FIO CORPORATION, CA
[73] XIANG, QING, CA
[73] CHIMURA, MACIEJ, CA
[73] FINE, IAN MICHAEL, CA
[73] GREENLAND, GRAHAM, CA
[73] ZASTAWNY, ROMAN, CA
[85] 2014-05-16
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[51] **Int.Cl. B66C 23/74 (2006.01)**
[25] EN
[54] **COUNTERWEIGHT FIXING DEVICE**
[54] **FIXATION DE CONTRE-POIDS**
[72] DORZBACH, ULRICH, DE
[72] KLEINKNECHT, JOHANNES, DE
[72] ZIEGLER, JOCHEN, DE
[73] WOLFFKRAN HOLDING AG, CH
[73] DORZBACH, ULRICH, ZZ
[73] KLEINKNECHT, JOHANNES, ZZ
[73] ZIEGLER, JOCHEN, ZZ
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[86] 2012-11-20 (PCT/EP2012/004800)
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[51] **Int.Cl. A61K 31/4174 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 4-[1-(2,3-DIMETHYLPHENYL)ETHYL]-3H-IMIDAZOLE DERIVATIVES FOR TREATING RETINAL DISEASES**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES DERIVES DE 4-[1-(2,3-DIMETHYLPHENYL)ETHYL]-3H-IMIDAZOLE POUR LE TRAITEMENT DE MALADIES RETINIENNES**
[72] DIBAS, MOHAMMED I., US
[72] DONELLO, JOHN E., US
[72] GIL, DANIEL W., US
[73] ALLERGAN, INC., US
[73] DIBAS, MOHAMMED I., ZZ
[73] DONELLO, JOHN E., ZZ
[73] GIL, DANIEL W., ZZ
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[86] 2012-11-19 (PCT/US2012/065942)
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[25] EN
[54] **ABSORBENT ARTICLES WITH IMPROVED ABSORPTION PROPERTIES**
[54] **ARTICLES ABSORBANTS AYANT DES PROPRIETES D'ABSORPTION AMELIOREES**
[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] JENNEWEIN, MARC, DE
[72] LUTSCHE, MARION, DE
[72] PERI, ANDREA, DE
[72] THOMANN, MAIKE, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] EHRNSPERGER, BRUNO JOHANNES, ZZ
[73] JENNEWEIN, MARC, ZZ
[73] LUTSCHE, MARION, ZZ
[73] PERI, ANDREA, ZZ
[73] THOMANN, MAIKE, ZZ
[85] 2014-05-21
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[54] **AUDIO FINGERPRINT FOR CONTENT IDENTIFICATION**
[54] **EMPREINTE ACOUSTIQUE POUR UNE IDENTIFICATION DE CONTENU**
[72] SLANEY, MALCOLM, US
[72] SCHAFHAUSER, ANDRES HERNANDEZ, US
[73] YAHOO! INC., US
[73] SLANEY, MALCOLM, ZZ
[73] SCHAFHAUSER, ANDRES HERNANDEZ, ZZ
[85] 2014-05-23
[86] 2012-11-30 (PCT/US2012/067487)
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[13] A1
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[25] EN
[54] **IMAGE PROCESSING METHOD FOR DETERMINING FOCUS DEPTH OF A REFRACTIVE LASER**
[54] **PROCEDE DE TRAITEMENT D'IMAGE DESTINE A DETERMINER LA PROFONDEUR DU FOYER D'UN LASER REFRACTIF**
[72] WARM, BERNDT, DE
[73] WAVELIGHT GMBH, DE
[73] WARM, BERNDT, ZZ
[85] 2014-05-26
[86] 2011-12-29 (PCT/EP2011/006605)
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[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER AND IMAGE FORMING APPARATUS**
[54] **RESERVOIR A POUDRE ET APPAREIL DE FORMATION D'IMAGES**
[72] HOSOKAWA, HIROSHI, JP
[72] KATO, SHUNJI, JP
[72] TAMAKI, SHINJI, JP
[72] IKEGUCHI, HIROSHI, JP
[72] TERAZAWA, SEIJI, JP
[72] YAMABE, JUNJI, JP
[72] MITSUISHI, KAORI, JP
[72] TOMOTAKA, TOSHIHIDE, JP
[72] WATANABE, TSUNEHIRO, JP
[72] KIKUCHI, KENJI, JP
[73] RICOH COMPANY, LIMITED, JP
[73] HOSOKAWA, HIROSHI, ZZ
[73] KATO, SHUNJI, ZZ
[73] TAMAKI, SHINJI, ZZ
[73] IKEGUCHI, HIROSHI, ZZ
[73] TERAZAWA, SEIJI, ZZ
[73] YAMABE, JUNJI, ZZ
[73] MITSUISHI, KAORI, ZZ
[73] TOMOTAKA, TOSHIHIDE, ZZ
[73] WATANABE, TSUNEHIRO, ZZ
[73] KIKUCHI, KENJI, ZZ
[85] 2014-05-23
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[51] **Int.Cl. B01D 25/12 (2006.01)**
[25] EN
[54] **CONTIGUOUS FILTER PRESS AND METHODS OF MANUFACTURING THE SAME**
[54] **FILTRE-PRESSE CONTIGU ET SES PROCEDES DE FABRICATION**
[72] NEUMANN, REUBEN, US
[73] FLSMIDTH A/S, DK
[73] NEUMANN, REUBEN, ZZ
[85] 2014-04-14
[86] 2012-10-19 (PCT/US2012/060965)
[87] (WO2013/059556)
[30] US (61/548,954) 2011-10-19

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[51] **Int.Cl. A61F 2/02 (2006.01) D02G 3/02 (2006.01)**
[25] EN
[54] **A PROSTHETIC DEVICE AND METHOD OF MANUFACTURING THE SAME**
[54] **DISPOSITIF PROTHETIQUE ET SON PROCEDE DE FABRICATION**
[72] MORTARINO, ENRICO, US
[73] ALLERGAN, INC., US
[73] MORTARINO, ENRICO, ZZ
[86] (2858552)
[87] (2858552)
[22] 2012-04-17
[62] 2,833,546
[30] US (13/088,706) 2011-04-18

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[13] A1
[51] **Int.Cl. A42B 3/12 (2006.01) A42C 2/00 (2006.01)**
[25] EN
[54] **HELMET WITH SHOCK ABSORBING INSERTS**
[54] **CASQUE A ELEMENTS AMORTISSEURS RAPPORTES**
[72] CHILSON, JAMES A., US
[73] SMITH OPTICS, INC., US
[73] CHILSON, JAMES A., ZZ
[86] (2858707)
[87] (2858707)
[22] 2014-08-07
[30] US (13/965,703) 2013-08-13

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[13] A1
[51] **Int.Cl. A23L 29/212 (2016.01) A23L 29/30 (2016.01) A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 33/17 (2016.01) A23L 2/52 (2006.01)**
[25] EN
[54] **STABILIZED NUTRITIONAL COMPOSITIONS INCLUDING STARCH**
[54] **COMPOSITIONS NUTRITIONNELLES STABILISEES CONTENANT DE L'AMIDON**
[72] VURMA, MUSTAFA, US
[72] KONUKLAR, GUL, US
[73] ABBOTT LABORATORIES, US
[73] VURMA, MUSTAFA, ZZ
[73] KONUKLAR, GUL, ZZ
[85] 2014-06-11
[86] 2012-12-03 (PCT/US2012/067555)
[87] (WO2013/101400)
[30] US (61/581,640) 2011-12-30
[30] US (61/581,642) 2011-12-30

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[13] A1
[51] **Int.Cl. C08G 77/38 (2006.01) C08F 20/10 (2006.01) C08J 5/00 (2006.01) C08J 7/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **REDOX PROCESSES FOR CONTACT LENS MODIFICATION**
[54] **PROCESSUS REDOX DESTINES A LA MODIFICATION DE LENTILLES DE CONTACT**
[72] ZHANG, ZHENG, US
[72] LI, JUN, US
[72] SKINNER, MATT, US
[72] LOOSE, CHRISTOPHER R., US
[72] COURY, ARTHUR J., US
[73] ZHANG, ZHENG, ZZ
[73] LI, JUN, ZZ
[73] SKINNER, MATT, ZZ
[73] LOOSE, CHRISTOPHER R., ZZ
[73] COURY, ARTHUR J., ZZ
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-11
[86] 2012-12-14 (PCT/US2012/069901)
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/12 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **IMPROVED SEGMENTED SEAT FOR WELLBORE SERVICING SYSTEM**
[54] **SIEGE SEGMENTE AMELIORE POUR SYSTEME D'ENTRETIEN DE TROU DE FORAGE**
[72] PACEY, KENDALL LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] PACEY, KENDALL LEE, ZZ
[85] 2014-06-11
[86] 2013-02-20 (PCT/US2013/026941)
[87] (WO2013/133973)
[30] US (13/414,989) 2012-03-08

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[51] **Int.Cl. B65D 1/36 (2006.01) B65D 77/20 (2006.01) B65D 81/22 (2006.01)**
[25] EN
[54] **PACKAGES FOR CONSUMABLE PRODUCTS**
[54] **EMBALLAGES POUR PRODUITS CONSOMMABLES**
[72] WILMERS, KIMBERLY ANN, US
[72] HUTSCHENREUTER, SIMON ALEXANDER, US
[73] NESTEC S.A., CH
[73] WILMERS, KIMBERLY ANN, ZZ
[73] HUTSCHENREUTER, SIMON ALEXANDER, ZZ
[85] 2014-06-13
[86] 2012-12-19 (PCT/EP2012/076215)
[87] (WO2013/092751)
[30] US (61/577,259) 2011-12-19
[30] US (29/408,925) 2011-12-19

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[51] **Int.Cl. C08G 77/38 (2006.01) C08F 20/10 (2006.01) C08J 5/00 (2006.01) C08J 7/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **SILICONE HYDROGEL CONTACT LENS MODIFIED USING LANTHANIDE OR TRANSITION METAL OXIDANTS**
[54] **LENTILLE DE CONTACT EN HYDROGEL DE SILICONE MODIFIEE A L'AIDE D'OXYDANTS A BASE DE METAUX LANTHANIDES OU DE TRANSITION**
[72] JUN, LI, US
[72] ZHANG, ZHENG, US
[72] LOOSE, CHRISTOPHER R., US
[72] COURY, ARTHUR J., US
[73] JUN, LI, ZZ
[73] ZHANG, ZHENG, ZZ
[73] LOOSE, CHRISTOPHER R., ZZ
[73] COURY, ARTHUR J., ZZ
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-09
[86] 2012-12-14 (PCT/US2012/069859)
[87] (WO2013/090790)
[30] US (61/570,811) 2011-12-14

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **HYDRAULIC SHOCK ABSORBER FOR SLIDING SLEEVES**
[54] **AMORTISSEUR HYDRAULIQUE POUR MANCHONS COULISSANTS**
[72] KING, JAMES G., US
[73] BAKER HUGHES INCORPORATED, US
[73] KING, JAMES G., ZZ
[85] 2014-06-23
[86] 2013-01-16 (PCT/US2013/021753)
[87] (WO2013/109636)
[30] US (13/355,272) 2012-01-20

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[13] A1
[51] **Int.Cl. B65G 43/00 (2006.01) B65G 15/00 (2006.01) B65G 43/08 (2006.01)**
[25] EN
[54] **SAFETY CONVEYOR APPARATUS**
[54] **DISPOSITIF DE CONVOYAGE DE SECURITE**
[72] TALBOT, BENOIT, CA
[72] FORTIN, REAL, CA
[73] LATERAL INNOVATIONS INC., CA
[73] GROUPE GAUDREAU, CA
[73] TALBOT, BENOIT, CA
[73] FORTIN, REAL, CA
[86] (2860707)
[87] (2860707)
[22] 2014-08-26
[30] US (61897918) 2013-10-31

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[51] **Int.Cl. A61K 8/25 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **METHODS FOR SMOOTHING WRINKLES AND SKIN TEXTURE IMPERFECTIONS**
[54] **METHODES DE LISSAGE DES RIDES ET DES IMPERFECTIONS DE LA TEXTURE DE LA PEAU**
[72] BREYFOGLE, LAURIE ELLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] BREYFOGLE, LAURIE ELLEN, ZZ
[85] 2014-07-15
[86] 2013-01-18 (PCT/US2013/022094)
[87] (WO2013/109850)
[30] US (61/588,310) 2012-01-19

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[13] A1
[51] **Int.Cl. A61B 17/86 (2006.01)**
[25] EN
[54] **BONE SCREW AND METHOD FOR MANUFACTURING THE SAME**
[54] **VIS A OS ET SON PROCEDE DE FABRICATION**
[72] WILLERT, WAYNE A., US
[72] WILLERT, ANDREA, US
[73] ORTHOPEDIC MEDICAL CHANNELS, LLC, US
[73] WILLERT, WAYNE A., ZZ
[73] WILLERT, ANDREA, ZZ
[85] 2014-07-21
[86] 2013-02-07 (PCT/US2013/025059)
[87] (WO2013/119754)
[30] US (13/369,760) 2012-02-09

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[51] **Int.Cl. B60C 13/00 (2006.01)**
[25] EN
[54] **TIRE**
[54] **PNEU**
[72] MISHIMA, SAYAKA, JP
[73] BRIDGESTONE CORPORATION, JP
[73] MISHIMA, SAYAKA, ZZ
[85] 2014-07-24
[86] 2013-01-25 (PCT/JP2013/051666)
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[51] **Int.Cl. F16B 31/00 (2006.01) F16B 35/00 (2006.01) H01R 13/621 (2006.01)**
[25] EN
[54] **TORQUE CONTROLLING BREAK SCREW**
[54] **VIS DE RUPTURE DE REGLAGE DE COUPLE**
[72] VALLETTE, RONALD, US
[72] ZAHNEN, JAMES, US
[72] LONGCOR, WILLIAM K., US
[72] SZYSZKO, STANLEY S., US
[72] CAWOOD, MATTHEW, US
[72] FONG, ROBERT, US
[73] VALLETTE, RONALD, ZZ
[73] ZAHNEN, JAMES, ZZ
[73] LONGCOR, WILLIAM K., ZZ
[73] SZYSZKO, STANLEY S., ZZ
[73] CAWOOD, MATTHEW, ZZ
[73] FONG, ROBERT, ZZ
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2862709)
[87] (2862709)
[22] 2014-09-05
[30] US (61/874,462) 2013-09-06
[30] US (14/466,439) 2014-08-22

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[51] **Int.Cl. C08K 5/101 (2006.01) C08J 3/18 (2006.01)**
[25] EN
[54] **MONOBENZOATE USEFUL AS A PLASTICIZER IN PLASTISOL COMPOSITIONS**
[54] **MONOBENZOATE UTILE EN TANT QUE PLASTIFIANT DANS DES COMPOSITIONS DE PLASTISOL**
[72] ARENDT, WILLIAM D., US
[72] MCBRIDE, EMILY, US
[73] EMERALD KALAMA CHEMICAL, LLC, US
[73] ARENDT, WILLIAM D., ZZ
[73] MCBRIDE, EMILY, ZZ
[85] 2014-07-09
[86] 2013-02-14 (PCT/US2013/026049)
[87] (WO2013/123127)
[30] US (61/598,372) 2012-02-14

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[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/73 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING VOLUMIZING, FIXATIVE, AND CONDITIONING PARTICLES FOR FINE HAIR**
[54] **PROCEDE DE FABRICATION DE PARTICULES A EFFETS VOLUMISANT, FIXANT ET REVITALISANT POUR CHEVEUX FINS**
[72] BOHEN, JOHN MICHAEL, US
[72] ANDERSON-GABER, AMY CHRISTINE, US
[72] GRAHN, ANITA MARIE, US
[73] ELC MANAGEMENT LLC, US
[73] BOHEN, JOHN MICHAEL, ZZ
[73] ANDERSON-GABER, AMY CHRISTINE, ZZ
[73] GRAHN, ANITA MARIE, ZZ
[85] 2014-08-05
[86] 2013-02-05 (PCT/US2013/024747)
[87] (WO2013/119553)
[30] US (61/596,506) 2012-02-08

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[13] A1
[51] **Int.Cl. B64C 25/32 (2006.01) B64C 25/16 (2006.01)**
[25] EN
[54] **A LANDING GEAR FAIRING**
[54] **CARENAGE DE TRAIN D'ATTERRISSAGE**
[72] SIMMONEAUX, YANN, GB
[72] HARRIS, SIMON D., GB
[73] MESSIER-DOWTY LIMITED, GB
[73] SIMMONEAUX, YANN, ZZ
[73] HARRIS, SIMON D., ZZ
[85] 2014-08-04
[86] 2013-01-23 (PCT/GB2013/050137)
[87] (WO2013/117902)
[30] GB (1202016.0) 2012-02-06

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[13] A1
[51] **Int.Cl. E21B 10/43 (2006.01) E21B 10/42 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **SHAPED CUTTING ELEMENTS FOR EARTH-BORING TOOLS AND EARTH-BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS**
[54] **ELEMENTS DE COUPE PROFILES POUR OUTILS DE FORAGE ET OUTILS DE FORAGE COMPRENANT LESDITS ELEMENTS DE COUPE**
[72] BILEN, JUAN MIGUEL, US
[72] SCOTT, DANNY E., US
[72] PATEL, SURESH G., US
[72] MATTHEWS, OLIVER, US
[72] NELMS, DEREK L., US
[72] LYONS, NICHOLAS J., US
[73] BAKER HUGHES INCORPORATED, US
[73] BILEN, JUAN MIGUEL, ZZ
[73] SCOTT, DANNY E., ZZ
[73] PATEL, SURESH G., ZZ
[73] MATTHEWS, OLIVER, ZZ
[73] NELMS, DEREK L., ZZ
[73] LYONS, NICHOLAS J., ZZ
[85] 2014-08-08
[86] 2013-02-08 (PCT/US2013/025318)
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[30] US (61/596,433) 2012-02-08

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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **LUMBAR-SACRAL SCREW INSERTION AND MANIPULATION**
[54] **INSERTION ET MANIPULATION DE VIS SACRO-LOMBAIRES**
[72] REITBLAT, ABRAM, US
[72] KRAUSE, STEVEN, US
[73] REITBLAT, ABRAM, ZZ
[73] KRAUSE, STEVEN, ZZ
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2864317)
[87] (2864317)
[22] 2014-09-18
[30] US (14/034,021) 2013-09-23

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[51] **Int.Cl. F16K 17/38 (2006.01) F01P 7/14 (2006.01) F01P 7/16 (2006.01) F16K 11/076 (2006.01) F16K 31/04 (2006.01) F16K 31/68 (2006.01)**
[25] EN
[54] **VALVE WITH INTEGRATED WAX MOTOR BYPASS FAIL SAFE**
[54] **SOUPAPE A SECURITE INTEGREE DE DERIVATION DE MOTEUR A CIRE**
[72] MALONE, DAVID S., US
[73] MALONE, DAVID S., ZZ
[73] HANON SYSTEMS, KR
[85] 2014-08-12
[86] 2013-02-20 (PCT/US2013/026809)
[87] (WO2013/126374)
[30] US (61/600,804) 2012-02-20

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[13] A1
[51] **Int.Cl. G09F 9/00 (2006.01) G09F 7/18 (2006.01) G09F 9/33 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE WITH RAIL SUPPORT**
[54] **DISPOSITIF D'AFFICHAGE AVEC SUPPORT A RAIL**
[72] GRAY, JAMES EARL, US
[72] GUNTER, JOHN BARTHOLOMEW, US
[73] LUMINATOR HOLDING, L.P., US
[73] GRAY, JAMES EARL, ZZ
[73] GUNTER, JOHN BARTHOLOMEW, ZZ
[86] (2864558)
[87] (2864558)
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[62] 2,784,776
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[51] **Int.Cl. F41G 1/38 (2006.01) F41G 1/16 (2006.01) F41G 1/28 (2006.01) G02B 7/00 (2006.01) G02B 23/16 (2006.01)**
[25] EN
[54] **RIFLE SCOPE TURRET WITH SPIRAL CAM MECHANISM**
[54] **TOURELLE DE LUNETTE POUR FUSIL AVEC MECANISME A CAME EN SPIRALE**
[72] HAMILTON, SAMUEL J., US
[73] SHELTERED WINGS, INC., US
[73] HAMILTON, SAMUEL J., ZZ
[85] 2014-08-14
[86] 2013-04-12 (PCT/US2013/036427)
[87] (WO2013/158500)
[30] US (13/450,005) 2012-04-18

[11] **2,865,035**
[13] A1
[51] **Int.Cl. A41D 13/00 (2006.01)**
[25] EN
[54] **ASYMMETRIC ATHLETIC APPAREL AND METHODS OF USE THEREFOR**
[54] **VETEMENT ATHLETIQUE ASYMETRIQUE ET METHODES D'UTILISATION DE CELUI-CI**
[72] LUBETS, ANDREW, US
[72] RAYMOND, NICHOLAS, US
[73] NEW BALANCE ATHLETIC SHOE, INC., US
[73] LUBETS, ANDREW, ZZ
[73] RAYMOND, NICHOLAS, ZZ
[85] 2014-08-19
[86] 2013-02-21 (PCT/US2013/027106)
[87] (WO2013/126549)
[30] US (61/601,252) 2012-02-21

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[13] A1
[51] **Int.Cl. H01J 49/40 (2006.01)**
[25] EN
[54] **MULTI-REFLECTION MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE A REFLEXION MULTIPLE**
[72] GRINFELD, DMITRY, DE
[72] MAKAROV, ALEXANDER, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[73] GRINFELD, DMITRY, ZZ
[73] MAKAROV, ALEXANDER, ZZ
[85] 2014-07-25
[86] 2013-01-22 (PCT/EP2013/051102)
[87] (WO2013/110587)
[30] GB (1201403.1) 2012-01-27

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[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **SLING**
[54] **ECHARPE**
[72] CHU, MICHAEL S.H., US
[72] FLYNN, KENNETH M., US
[72] JOSHI, SHARMAD, US
[72] GODDARD, JAMES M., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[73] CHU, MICHAEL S.H., ZZ
[73] FLYNN, KENNETH M., ZZ
[73] JOSHI, SHARMAD, ZZ
[73] GODDARD, JAMES M., ZZ
[85] 2014-08-19
[86] 2013-04-22 (PCT/US2013/037551)
[87] (WO2013/163067)
[30] US (61/636,902) 2012-04-23
[30] US (61/745,101) 2012-12-21
[30] US (13/866,681) 2013-04-19

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTENT DERIVED DATA PLACEMENT IN MEMORY**
[54] **PROCEDE ET APPAREIL POUR PLACER DES DONNEES DERIVEES D'UN CONTENU EN MEMOIRE**
[72] CZERKOWICZ, JOHN MICHAEL, US
[72] BEAVERSON, ARTHUR J., US
[72] BAGBY, STEVE, US
[72] MANJANATHA, SOWMYA, US
[73] SIMPLIVITY CORPORATION, US
[73] CZERKOWICZ, JOHN MICHAEL, ZZ
[73] BEAVERSON, ARTHUR J., ZZ
[73] BAGBY, STEVE, ZZ
[73] MANJANATHA, SOWMYA, ZZ
[85] 2014-08-21
[86] 2013-02-22 (PCT/US2013/027296)
[87] (WO2013/126680)
[30] US (13/404,468) 2012-02-24

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[13] A1
[51] **Int.Cl. E01B 29/26 (2006.01)**
[25] EN
[54] **QUICK CHANGE RAIL FASTENER DRIVING WORKHEAD UNIT**
[54] **UNITE DE TETE DE TRAVAIL D'ENTRAINEMENT DE FIXATIONS DE RAIL A CHANGEMENT RAPIDE**
[72] HENKE, DANIEL MARK, US
[73] NORDCO INC., US
[73] HENKE, DANIEL MARK, ZZ
[86] (2865452)
[87] (2865452)
[22] 2014-08-19
[30] US (61/867,874) 2013-08-20
[30] US (14/459,916) 2014-08-14

[11] **2,865,508**
[13] A1
[51] **Int.Cl. E21B 33/127 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **SHAPE MEMORY SEAL ASSEMBLY**
[54] **ENSEMBLE JOINT D'ETANCHEITE A MEMOIRE DE FORME**
[72] RAMON, MICHAEL, US
[72] ADAM, MARK, US
[72] WOOD, EDWARD, US
[73] BAKER HUGHES INCORPORATED, US
[73] RAMON, MICHAEL, ZZ
[73] ADAM, MARK, ZZ
[73] WOOD, EDWARD, ZZ
[85] 2014-08-25
[86] 2013-02-20 (PCT/US2013/026854)
[87] (WO2013/148014)
[30] US (13/430,969) 2012-03-27

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[13] A1
[51] **Int.Cl. E21B 49/04 (2006.01) E21B 7/14 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **IGNITER AND METHOD OF MAKING**
[54] **ALLUMEUR ET PROCEDE DE FABRICATION**
[72] NUDO, NICHOLAS, US
[72] DOBIES, EDWARD, US
[73] BAKER HUGHES INCORPORATED, US
[73] NUDO, NICHOLAS, ZZ
[73] DOBIES, EDWARD, ZZ
[85] 2014-08-28
[86] 2013-02-21 (PCT/US2013/027110)
[87] (WO2013/148026)
[30] US (13/435,521) 2012-03-30

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[13] A1
[51] **Int.Cl. H01M 8/243 (2016.01) H01M 8/0247 (2016.01)**
[25] EN
[54] **TUBULAR SOLID OXIDE FUEL CELL ASSEMBLY AND FUEL CELL DEVICE INCORPORATING SAME**
[54] **ENSEMBLE DE PILE A COMBUSTIBLE A OXYDE SOLIDE TUBULAIRE ET DISPOSITIF DE PILE A COMBUSTIBLE L'INCORPORANT**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[73] WATT FUEL CELL CORP., US
[73] FINNERTY, CAINE M., ZZ
[73] DEWALD, PAUL, ZZ
[85] 2014-08-28
[86] 2013-02-28 (PCT/US2013/028279)
[87] (WO2013/130777)
[30] US (13/409,318) 2012-03-01

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[13] A1
[51] **Int.Cl. B65D 63/10 (2006.01) B29C 55/06 (2006.01)**
[25] EN
[54] **PLASTICS-MATERIAL STRAPPING BAND FOR WRAPPING AROUND ONE OR MORE ARTICLES, AND METHOD FOR PRODUCING A PLASTICS-MATERIAL STRAPPING BAND**
[54] **BANDE DE CERCLAGE EN MATERIAU SYNTHETIQUE POUR ENTOURER UN OU PLUSIEURS OBJETS ET PROCEDE DE PRODUCTION D'UNE BANDE DE CERCLAGE EN MATERIAU SYNTHETIQUE**
[72] LENZEN, PETER WILHELM, DE
[73] TITAN UMREIFUNGSTECHNIK GMBH & CO. KG, DE
[73] LENZEN, PETER WILHELM, ZZ
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[54] **DEVICE, SYSTEM AND METHOD FOR IMAGE-BASED CONTENT DELIVERY**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR OFFRE DE CONTENU A BASE D'IMAGES**
[72] BARRACLOUGH, KEITH, US
[72] LARSON, MELANIE, US
[72] IRVINE, DAVID, US
[72] PHILLIPS, BENJAMIN LUTHER, US
[72] GERLACH, JAMES NATHANIEL, US
[73] NEXT ISSUE MEDIA, US
[73] BARRACLOUGH, KEITH, ZZ
[73] LARSON, MELANIE, ZZ
[73] IRVINE, DAVID, ZZ
[73] PHILLIPS, BENJAMIN LUTHER, ZZ
[73] GERLACH, JAMES NATHANIEL, ZZ
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[54] **METAL-CONTAINING POLYMERIC REINFORCED PIPE, METHOD FOR MANUFACTURING SAME AND PIPELINE PRODUCED USING SAID PIPE**
[54] **TUYAU ARME EN POLYMERE ET METAL, PROCEDE DE FABRICATION ET TUYAUTERIE CONSTRUITE A PARTIR DE CE TUYAU**
[72] PETROV, YURIY MAKSIMOVICH, RU
[73] PETROV, YURIY MAKSIMOVICH, RU
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[54] **GARMENT HOLDER AND HAMPER TRAVELER**
[54] **PORTE-VETEMENT ET COFFRAGE DE PANIER**
[72] TAYLOR-PHILLIPS, LAQUITA, US
[73] TAYLOR-PHILLIPS, LAQUITA, US
[85] 2014-09-16
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[25] EN
[54] **EMULSIFIED AQUEOUS INK COMPRISING REACTIVE ALKOXYSILANE FOR INDIRECT PRINTING**
[54] **ENCRE AQUEUSE EMULSIFIEE COMPRENANT UN ALKOXYSILANE REACTIF POUR L'IMPRESSION INDIRECTE**
[72] CHOPRA, NAVEEN, CA
[72] BELELIE, JENNIFER L., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] CHRETIEN, MICHELLE, CA
[73] XEROX CORPORATION, US
[73] CHOPRA, NAVEEN, CA
[73] BELELIE, JENNIFER L., CA
[73] KEOSHKERIAN, BARKEV, CA
[73] CHRETIEN, MICHELLE, CA
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[87] (2867709)
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[54] **METHOD FOR JOINING METAL PARTS**
[54] **PROCEDE D'ASSEMBLAGE DE PIECES METALLIQUES**
[72] SJODIN, PER, SE
[72] WALTER, KRISTIAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[73] SJODIN, PER, ZZ
[73] WALTER, KRISTIAN, ZZ
[85] 2014-09-23
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[54] **TOBACCO PRODUCT WRAPPING MATERIAL WITH CONTROLLED BURNING PROPERTIES**
[54] **MATERIAU D'EMBALLAGE DE PRODUIT A BASE DE TABAC AVEC PROPRIETES DE COMBUSTION CONTROLEES**
[72] NOVER, CHRISTOPH, DE
[72] VUCAK, MARIJAN, DE
[72] FRITZSCHING, THOMAS, DE
[73] JULIUS GLATZ GMBH, DE
[73] NOVER, CHRISTOPH, ZZ
[73] VUCAK, MARIJAN, ZZ
[73] FRITZSCHING, THOMAS, ZZ
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[87] (2868492)
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[54] **ORAL CARE IMPLEMENT HAVING MULTI-COMPONENT HANDLE**
[54] **INSTRUMENT DE SOIN BUCCAL MUNI D'UN MANCHE MULTICOMPOSANT**
[72] MOSKOVICH, ROBERT, US
[72] JIMENEZ, EDUARDO, US
[72] ROONEY, MICHAEL, US
[72] BOHNER, MARCO, CH
[73] COLGATE-PALMOLIVE COMPANY, US
[73] MOSKOVICH, ROBERT, ZZ
[73] JIMENEZ, EDUARDO, ZZ
[73] ROONEY, MICHAEL, ZZ
[73] BOHNER, MARCO, ZZ
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[25] EN
[54] **ELECTRICAL GROUNDING DEVICE**
[54] **DISPOSITIF DE MISE A LA TERRE ELECTRIQUE**
[72] MUNDLE, TERRY D., CA
[73] R U GROUNDED ENERGY INC., CA
[73] MUNDLE, TERRY D., CA
[86] (2869476)
[87] (2869476)
[22] 2014-11-03
[30] US (14/528,403) 2014-10-30

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[25] EN
[54] **METHOD AND APPARATUS FOR LONGITUDINAL-SEAM WELDING OF PROFILED TUBES IN A TUBE-WELDING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE LONGITUDINAL DE TUBES PROFILES SUR UNE INSTALLATION DE SOUDAGE DE TUBES**
[72] NEUGEBAUER, RUDIGER, DE
[72] SCHMIDT, TOBIAS, DE
[73] SMS MEER GMBH, DE
[73] NEUGEBAUER, RUDIGER, ZZ
[73] SCHMIDT, TOBIAS, ZZ
[85] 2014-10-07
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[25] EN
[54] **SYSTEMS AND METHODS FOR SEARCHING FOR ANALOG NOTATIONS AND ANNOTATIONS**
[54] **SYSTEMES ET PROCEDES DE RECHERCHE DE NOTATIONS ET D'ANNOTATIONS ANALOGIQUES**
[72] OKA, ANAND RAVINDRA, CA
[72] SIMMONS, SEAN BARTHOLOMEW, CA
[73] BLACKBERRY LIMITED, CA
[73] OKA, ANAND RAVINDRA, CA
[73] SIMMONS, SEAN BARTHOLOMEW, CA
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[54] **PADLOCK ASSEMBLY**
[54] **ENSEMBLE A CADENAS**
[72] BURMESCH, GARY R., US
[72] GRONLAND, ELLIOT, US
[73] MASTER LOCK COMPANY LLC, US
[73] BURMESCH, GARY R., ZZ
[73] GRONLAND, ELLIOT, ZZ
[85] 2014-10-16
[86] 2013-04-17 (PCT/US2013/036895)
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[54] **SYSTEMS AND METHODS FOR MEASURING POLARIZATION OF LIGHT IN IMAGES**
[54] **SYSTEMES ET METHODES DE MESURE DE LA POLARISATION DE LA LUMIERE DANS LES IMAGES**
[72] TILLOTSON, BRIAN J., US
[72] BAERNY, JENNIFER K., US
[73] THE BOEING COMPANY, US
[73] TILLOTSON, BRIAN J., ZZ
[73] BAERNY, JENNIFER K., ZZ
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[54] **FRAC PLUG BODY**
[54] **CORPS DE BOUCHON DE FRACTURATION**
[72] KING, JAMES G., US
[72] O'MALLEY, EDWARD J., US
[73] BAKER HUGHES INCORPORATED, US
[73] KING, JAMES G., ZZ
[73] O'MALLEY, EDWARD J., ZZ
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[54] **SELECTIVELY CORRODIBLE DOWNHOLE ARTICLE AND METHOD OF USE**
[54] **ARTICLE DE FOND DE TROU POUVANT ETRE CORRODE DE FACON SELECTIVE ET PROCEDE D'UTILISATION**
[72] MAZYAR, OLEG A., US
[72] JOHNSON, MICHAEL H., US
[73] BAKER HUGHES INCORPORATED, US
[73] MAZYAR, OLEG A., ZZ
[73] JOHNSON, MICHAEL H., ZZ
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[54] **PROCEDE D'EXCAVATION DE TUNNEL**
[72] KAWAI, KAZUNARI, JP
[72] TERADA, SHINICHI, JP
[72] KODAMA, YUUICHI, JP
[72] UETAKE, MASAAKI, JP
[72] ASANO, HIROSHI, JP
[72] MINAMI, TAKASHI, JP
[72] TANIMOTO, JUNYA, JP
[73] KOMATSU LTD., JP
[73] KAWAI, KAZUNARI, ZZ
[73] TERADA, SHINICHI, ZZ
[73] KODAMA, YUUICHI, ZZ
[73] UETAKE, MASAAKI, ZZ
[73] ASANO, HIROSHI, ZZ
[73] MINAMI, TAKASHI, ZZ
[73] TANIMOTO, JUNYA, ZZ
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[54] **AUXILIARY TUNNELING APPARATUS**
[54] **APPAREIL AUXILIAIRE D'EXCAVATION DE TUNNEL**
[72] KAWAI, KAZUNARI, JP
[72] TERADA, SHINICHI, JP
[72] KODAMA, YUUICHI, JP
[72] UETAKE, MASAAKI, JP
[72] ASANO, HIROSHI, JP
[72] MINAMI, TAKASHI, JP
[72] TANIMOTO, JUNYA, JP
[73] KOMATSU LTD., JP
[73] KAWAI, KAZUNARI, ZZ
[73] TERADA, SHINICHI, ZZ
[73] KODAMA, YUUICHI, ZZ
[73] UETAKE, MASAAKI, ZZ
[73] ASANO, HIROSHI, ZZ
[73] MINAMI, TAKASHI, ZZ
[73] TANIMOTO, JUNYA, ZZ
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[54] **PROCESS FOR CO-PRODUCING COMMERCIALLY VALUABLE PRODUCTS FROM BYPRODUCTS OF FISCHER-TROPSCH PROCESS FOR HYDROCARBON FUEL FORMULATION IN A GTL ENVIRONMENT**
[54] **PROCEDE DE COPRODUCTION DE PRODUITS A VALEUR COMMERCIALE A PARTIR DE SOUS-PRODUITS DE PROCEDE FISCHER-TROPSCH POUR LES FORMULES DE CARBURANT D'HYDROCARBURE DANS UN ENVIRONNEMENT GTL**
[72] KRESNYAK, STEVE, CA
[73] EXPANDER ENERGY INC., CA
[73] KRESNYAK, STEVE, CA
[86] (2872194)
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[54] **CONNECTOR ASSEMBLIES AND SYSTEMS AND METHODS FOR FORMING DISCONNECTABLE JOINT ASSEMBLIES**
[54] **ENSEMBLES CONNECTEURS AINSI QUE SYSTEMES ET PROCEDES PERMETTANT DE FORMER DES ENSEMBLES DE JONCTION POUVANT ETRE DESOLIDARISES**
[72] CORNELIUS, JONATHAN CONRAD, US
[72] O'SULLIVAN, EDWARD, US
[73] TYCO ELECTRONICS CORPORATION, US
[73] CORNELIUS, JONATHAN CONRAD, ZZ
[73] O'SULLIVAN, EDWARD, ZZ
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/038775)
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[30] US (61/641,574) 2012-05-02
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[54] **DISINTEGRATE AND CONFORMABLE METALLIC SEAL, AND METHOD OF MAKING THE SA ME**
[54] **JOINT METALLIQUE DESINTEGRE ET ADAPTABLE, ET PROCEDE DE FABRICATION ASSOCIE**
[72] XU, ZHIYUE, US
[72] XU, YINGQING, US
[72] HERN, GREGORY LEE, US
[72] RICHARD, BENNETT M., US
[73] BAKER HUGHES INCORPORATED, US
[73] XU, ZHIYUE, ZZ
[73] XU, YINGQING, ZZ
[73] HERN, GREGORY LEE, ZZ
[73] RICHARD, BENNETT M., ZZ
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[54] **METHOD AND SYSTEM FOR ABANDONING A BOREHOLE**
[54] **PROCEDE ET SYSTEME POUR ABANDONNER UN TROU DE FORAGE**
[72] CONNELL, PAUL L., US
[72] NORDENSTAM, ERIK VILHELM, US
[73] BAKER HUGHES INCORPORATED, US
[73] CONNELL, PAUL L., ZZ
[73] NORDENSTAM, ERIK VILHELM, ZZ
[85] 2014-11-04
[86] 2012-06-01 (PCT/US2012/040486)
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[25] EN
[54] **SEALING DEVICES FOR SEALING INNER WALL SURFACES OF A WELLBORE AND METHODS OF INSTALLING SAME IN A WELLBORE**
[54] **DISPOSITIFS D'ETANCHEITE POUR L'ETANCHEITE DE SURFACES DE PAROI INTERNE D'UN PUITS DE FORAGE ET PROCEDES D'INSTALLATION DE CEUX-CI DANS UN PUITS DE FORAGE**
[72] O'MALLEY, EDWARD J., US
[73] BAKER HUGHES INCORPORATED, US
[73] O'MALLEY, EDWARD J., ZZ
[85] 2014-11-04
[86] 2012-06-04 (PCT/US2012/040719)
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[54] **FLUOROSUBSTITUTED (3R,4R,5S)-5-GUANIDINO-4-ACETAMIDO-3-(PENTAN-3-YLOXY)CYCLOHEXENE-1-CARBOXYLIC ACIDS, THEIR ESTERS AND USE THEREOF**
[54] **ACIDES (3R,4R,5S)-5-GUANIDINO-4-ACYLAMINO-3-(PENTAN-3-YLOXY)CYCLOHEXENE-1-CARBONIQUES SUBSTITUES EN FLUOR, LEURS ETHERS, ET PROCEDE D'UTILISATION**
[72] IVACHTCHENKO, ALEXANDRE VASILEVICH, RU
[73] ASAVI, LLC, US
[73] IVACHTCHENKO, ALEXANDRE VASILEVICH, RU
[85] 2014-10-31
[86] 2013-05-07 (PCT/RU2013/000384)
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[25] EN
[54] **SEALANT COMPOSITIONS AND METHODS UTILIZING NANO-PARTICLES**
[54] **COMPOSITIONS DE MATIERE D'ETANCHEITE ET PROCEDES CORRESPONDANTS UTILISANT DES NANOPARTICULES**
[72] RODDY, CRAIG WAYNE, US
[72] COVINGTON, RICKY L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] RODDY, CRAIG WAYNE, ZZ
[73] COVINGTON, RICKY L., ZZ
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[22] 2010-09-24
[62] 2,774,302
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[25] EN
[54] **COMMUNICATION SYSTEM FOR EXTENDED REACH WELLS**
[54] **SYSTEME DE COMMUNICATION POUR PUITS A LONG DEPORT**
[72] WOOD, EDWARD, US
[73] BAKER HUGHES INCORPORATED, US
[73] WOOD, EDWARD, ZZ
[85] 2014-11-12
[86] 2013-04-05 (PCT/US2013/035441)
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[25] EN
[54] **AQUEOUS DISPERSION AND ADDITIVE FOR FRACTURING WORK**
[54] **DISPERSION AQUEUSE, ET ADDITIF DESTINES AU TRAVAIL DE FRACTURATION**
[72] MAEKAWA, SHINTARO, JP
[72] HIGUCHI, CHOJIRO, JP
[72] OGAWA, RYOHEI, JP
[72] KAGAYAMA, AKIFUMI, JP
[73] MITSUI CHEMICALS, INC., JP
[73] MAEKAWA, SHINTARO, ZZ
[73] HIGUCHI, CHOJIRO, ZZ
[73] OGAWA, RYOHEI, ZZ
[73] KAGAYAMA, AKIFUMI, ZZ
[85] 2014-11-13
[86] 2013-09-05 (PCT/JP2013/073870)
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[25] EN
[54] **SYNCHRONIZATION OF OUTPUTS IN A WIRELESS FIRE SYSTEM**
[54] **SYNCHRONISATION DES SORTIES DANS UN RESEAU D'INCENDIE SANS FIL**
[72] FRISON, ANDREA, US
[72] POLITO, DANIEL, US
[72] MERLI, DANIEL, US
[73] FRISON, ANDREA, ZZ
[73] POLITO, DANIEL, ZZ
[73] MERLI, DANIEL, ZZ
[73] LIFE SAFETY DISTRIBUTION AG, CH
[86] (2873676)
[87] (2873676)
[22] 2014-11-20
[30] US (14/101,755) 2013-12-10

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[25] EN
[54] **METHOD AND SYSTEM OF PREDICTING FUTURE HYDROCARBON PRODUCTION**
[54] **PROCEDE ET SYSTEME DE PREDICTION D'UNE PRODUCTION FUTURE D'HYDROCARBURES**
[72] CARVAJAL, GUSTAVO A., US
[72] CULLICK, ALVIN S., US
[72] NASR, HATEM, US
[72] JOHNSON, DOUGLAS W., US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] CARVAJAL, GUSTAVO A., ZZ
[73] CULLICK, ALVIN S., ZZ
[73] NASR, HATEM, ZZ
[73] JOHNSON, DOUGLAS W., ZZ
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[25] EN
[54] **VARIABLE TG ARTICLE, METHOD OF MAKING, AND USE OF SAME**
[54] **OBJET A TG VARIABLE, SON PROCEDE DE FABRICATION ET SON UTILISATION**
[72] JOHNSON, MICHAEL H., US
[72] CARREJO, NICHOLAS, US
[73] BAKER HUGHES INCORPORATED, US
[73] JOHNSON, MICHAEL H., ZZ
[73] CARREJO, NICHOLAS, ZZ
[85] 2014-11-14
[86] 2013-04-12 (PCT/US2013/036367)
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[25] EN
[54] **VEHICLE BODY ASSEMBLING METHOD AND VEHICLE BODY ASSEMBLING DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ASSEMBLAGE DE CARROSSERIE DE VEHICULE**
[72] FUJISAKI, AKIO, JP
[72] KOJIMA, HIDETO, JP
[72] ISHIKAWA, YOSHIO, JP
[72] MATSUKAMI, YOSHITAKA, JP
[73] HONDA MOTOR CO., LTD., JP
[73] FUJISAKI, AKIO, ZZ
[73] KOJIMA, HIDETO, ZZ
[73] ISHIKAWA, YOSHIO, ZZ
[73] MATSUKAMI, YOSHITAKA, ZZ
[85] 2014-11-19
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[25] EN
[54] **GRAVEL PACKING METHOD FOR MULTILATERAL WELL PRIOR TO LOCATING A JUNCTION**
[54] **PROCEDE DE GRAVILLONNAGE D'UN PUITS MULTILATERAL AVANT DE LOCALISER UNE JONCTION**
[72] NYGARDSVOLL, KJELL, NO
[72] RAMEY, MARK E., US
[73] BAKER HUGHES INCORPORATED, US
[73] NYGARDSVOLL, KJELL, ZZ
[73] RAMEY, MARK E., ZZ
[85] 2014-11-19
[86] 2013-05-29 (PCT/US2013/043127)
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[25] EN
[54] **EXERCISE DEVICES AND METHODS FOR EXERCISING AN ANKLE, FOOT, AND/OR LEG**
[54] **DISPOSITIFS ET PROCEDES D'EXERCICE PHYSIQUE PERMETTANT D'EXERCER UNE CHEVILLE, UN PIED OU UNE JAMBE**
[72] TARKINGTON, MARY ANNE, US
[72] SCHMIDT, PETER-CHRISTOPH TARKINGTON, US
[72] SCHMIDT, HANS J., US
[73] TS MEDICAL LLC, US
[73] TARKINGTON, MARY ANNE, ZZ
[73] SCHMIDT, PETER-CHRISTOPH TARKINGTON, ZZ
[73] SCHMIDT, HANS J., ZZ
[85] 2014-11-18
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[54] **OMNIDIRECTIONAL WHEEL**
[54] **ROUE OMNIDIRECTIONNELLE**
[72] OHRUH, MICHEL, FR
[73] NEW LIVE, FR
[73] OHRUH, MICHEL, ZZ
[85] 2014-11-20
[86] 2013-06-12 (PCT/FR2013/051371)
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[25] EN
[54] **METHOD FOR SECURING THE BRAKING EFFECT OF A BRAKE**
[54] **PROCEDE POUR GARANTIR L'EFFET DE FREINAGE D'UN FREIN**
[72] DREWES, OLAF, DE
[73] SAF-HOLLAND GMBH, DE
[73] DREWES, OLAF, ZZ
[85] 2014-11-27
[86] 2013-05-31 (PCT/EP2013/061222)
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[25] EN
[54] **METHOD, SYSTEM AND DEVICE FOR AUDIO DATA TRANMISSION, AND ELECTRONIC SIGNATURE TOOL**
[54] **PROCEDE, SYSTEME ET DISPOSITIF POUR TRANSMISSION DE DONNEES AUDIO ET OUTIL DE SIGNATURE ELECTRONIQUE**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[73] LI, DONGSHENG, ZZ
[85] 2014-12-02
[86] 2013-06-09 (PCT/CN2013/077104)
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[25] EN
[54] **ABSORBENT ARTICLE**
[54] **OBJET ABSORBANT**
[72] JOHANSSON, CHARLOTTE, SE
[72] FREDRIKSON, SUSANNE, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[73] JOHANSSON, CHARLOTTE, ZZ
[73] FREDRIKSON, SUSANNE, ZZ
[85] 2014-12-02
[86] 2013-06-05 (PCT/EP2013/061571)
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[25] EN
[54] **QUAXIAL GEOGRID**
[54] **GEOGRILLE COAXIALE**
[72] WANG, XUEWEN, CN
[72] DU, LIQI, CN
[72] WANG, DUNSHENG, CN
[73] TAIAN MODERN PLASTIC CO., LTD., CN
[73] WANG, XUEWEN, ZZ
[73] DU, LIQI, ZZ
[73] WANG, DUNSHENG, ZZ
[86] (2876092)
[87] (2876092)
[22] 2014-12-30
[30] CN (201320889118.5) 2013-12-31

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[51] **Int.Cl. G02C 7/06 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **MULTI-ELEMENT LENS OF CONTROLLING DEFOCUS AND EYE DIOPTER AND APPLICATION THEREOF**
[54] **LENTILLE MULTIELEMENT DE COMMANDE DE DEFOCALISATION ET DE DIOPTRIE DE L'□IL ET APPLICATION DE CELLE-CI**
[72] DAI, MINGHUA, CN
[73] DAI, MINGHUA, CN
[85] 2014-12-11
[86] 2012-06-27 (PCT/CN2012/000882)
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[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] YAMAKAWA, TAKAHIRO, JP
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[73] YAMAKAWA, TAKAHIRO, ZZ
[85] 2014-12-22
[86] 2013-11-13 (PCT/JP2013/080658)
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[25] EN
[54] **AN INVERT EMULSION TRANSITION FLUID CONTAINING CALCIUM ALUMINATE CEMENT**
[54] **FLUIDE DE TRANSITION EN EMULSION D'EAU DANS L'HUILE CONTENANT UN CIMENT A BASE D'ALUMINATE DE CALCIUM**
[72] MORRIS, KAY A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] MORRIS, KAY A., ZZ
[85] 2014-12-22
[86] 2013-05-23 (PCT/US2013/042395)
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[25] EN
[54] **TIRE**
[54] **PNEUMATIQUE**
[72] OGANE, SHUN, JP
[72] KAWAKAMI, YUKI, JP
[73] BRIDGESTONE CORPORATION, JP
[73] OGANE, SHUN, ZZ
[73] KAWAKAMI, YUKI, ZZ
[85] 2014-12-30
[86] 2013-07-04 (PCT/JP2013/068349)
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[30] JP (2012-150819) 2012-07-04

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[25] EN
[54] **TIRE**
[54] **PNEUMATIQUE**
[72] KAWAKAMI, YUKI, JP
[73] BRIDGESTONE CORPORATION, JP
[73] KAWAKAMI, YUKI, ZZ
[85] 2014-12-30
[86] 2013-07-04 (PCT/JP2013/068343)
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[30] JP (2012-150928) 2012-07-04

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[51] **Int.Cl. B32B 5/12 (2006.01) B29B 15/08 (2006.01) B32B 5/28 (2006.01)**
[25] EN
[54] **STITCHED CARBON FIBER BASE MATERIAL AND WET PREPREG USING SAME**
[54] **MATIERE DE BASE DE FIBRES DE CARBONE COUSUES ET PREIMPREGNE HUMIDE L'UTILISANT**
[72] TSUCHIYA, YOSHINOBU, JP
[72] KASAKAWA, HIDETOSHI, JP
[72] MURATA, MASAHIKO, JP
[72] SHIGENARI, YU, JP
[72] SATOH, HIROYUKI, JP
[73] IHI AEROSPACE CO., LTD., JP
[73] IHI CORPORATION, JP
[73] TSUCHIYA, YOSHINOBU, ZZ
[73] KASAKAWA, HIDETOSHI, ZZ
[73] MURATA, MASAHIKO, ZZ
[73] SHIGENARI, YU, ZZ
[73] SATOH, HIROYUKI, ZZ
[85] 2015-01-13
[86] 2013-07-18 (PCT/JP2013/004386)
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[25] EN
[54] **NATURAL RUBBER CONTAINING NANOCARBON**
[54] **CAOUTCHOUC NATUREL CONTENANT DU NANOCARBONE**
[72] ISMAIL, SURINA, MY
[72] SAMSURI, AZEMI BIN, MY
[73] AMRIL AG, CH
[73] ISMAIL, SURINA, ZZ
[73] SAMSURI, AZEMI BIN, ZZ
[85] 2015-01-22
[86] 2012-08-02 (PCT/MY2012/000221)
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[51] **Int.Cl. G01B 5/00 (2006.01)**
[25] FR
[54] **MEASUREMENT OF DIMENSIONAL CHARACTERISTICS OF A PRODUCTION PART**
[54] **MESURE DE CARACTERISTIQUES DIMENSIONNELLES D'UNE PIECE DE PRODUCTION**
[72] DASTUGUE, JEAN-BENOIT, FR
[72] COUCHINAVE, JEAN-CLAUDE, FR
[72] ELIZALDE, XAVIER, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[73] DASTUGUE, JEAN-BENOIT, ZZ
[73] COUCHINAVE, JEAN-CLAUDE, ZZ
[73] ELIZALDE, XAVIER, ZZ
[86] (2880239)
[87] (2880239)
[22] 2015-01-28
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[25] EN
[54] **SEED DISK FOR PLANTING CANOLA WITH A VACUUM METER PLANTER**
[54] **DISQUE DE SEMENCES SERVANT A PLANTER DU CANOLA AU MOYEN D'UNE PLANTEUSE DOSEUSE A VIDE**
[72] CADIEUX, KERRY P. B., CA
[72] CALDER, JEFFREY S., CA
[73] CADIEUX, KERRY P. B., CA
[73] CALDER, JEFFREY S., CA
[73] RRV CANOLA DISK INC., CA
[86] (2880320)
[87] (2880320)
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[51] **Int.Cl. F28F 27/00 (2006.01) B60H 1/18 (2006.01) F01N 5/02 (2006.01) F23J 15/06 (2006.01)**
[25] EN
[54] **EXHAUST HEAT RECOVERY CONTROL DEVICE**
[54] **DISPOSITIF DE CONTROLE DE LA RECUPERATION DE LA CHALEUR D'ECHAPPEMENT**
[72] ISHIHATA, TAKATO, JP
[72] HIRATA, YUICHIRO, JP
[72] MURATA, TOSHIO, JP
[72] TAKAGAKI, NAKAYA, JP
[72] KOMITSU, HIDEYUKI, JP
[72] IRIYAMA, YOJIRO, JP
[72] WAKATSUKI, KAZUTOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] ISHIHATA, TAKATO, ZZ
[73] HIRATA, YUICHIRO, ZZ
[73] MURATA, TOSHIO, ZZ
[73] TAKAGAKI, NAKAYA, ZZ
[73] KOMITSU, HIDEYUKI, ZZ
[73] IRIYAMA, YOJIRO, ZZ
[73] WAKATSUKI, KAZUTOSHI, ZZ
[86] (2880357)
[87] (2880357)
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[25] EN
[54] **POLYSILOXANE COPOLYMERS**
[54] **COPOLYMERES DE POLYSILOXANE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] SMITH, STEVEN DARYL, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] BARRERA, CAROLA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] PANANDIKER, RAJAN KESHAV, ZZ
[73] SMITH, STEVEN DARYL, ZZ
[73] KLUESENER, BERNARD WILLIAM, ZZ
[73] BARRERA, CAROLA, ZZ
[85] 2015-01-22
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[30] US (61/676,646) 2012-07-27

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[51] **Int.Cl. B29C 70/54 (2006.01) B29C 33/00 (2006.01) B29C 70/44 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD, MANUFACTURING MOLD AND USE**
[54] **PROCEDE DE FABRICATION, MOULE DE FABRICATION ET UTILISATION**
[72] EYB, ENNO, DE
[73] SENVION SE, DE
[73] EYB, ENNO, ZZ
[85] 2015-02-04
[86] 2013-08-13 (PCT/EP2013/002423)
[87] (WO2014/032769)
[30] DE (10 2012 215 189.3) 2012-08-27

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[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **TORQUE STABILIZATION FOR A RIG MAST**
[54] **STABILISATION DU COUPLE D'UN MAT D'APPAREIL DE LEVAGE**
[72] HANSEN, SHAWN PETER, CA
[73] SPARTA ENGINEERING INC., CA
[73] HANSEN, SHAWN PETER, CA
[86] (2881002)
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[51] **Int.Cl. B64D 15/14 (2006.01) B64C 1/14 (2006.01)**
[25] FR
[54] **TREATMENT METHOD AND SYSTEM FOR FROST ON AN AIRCRAFT WINDSHIELD**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DU GIVRE POUR UN PAREBRISE D'UN AERONEF**
[72] LESCHI, ROBERT, FR
[72] CATRIS, STEPHANE, FR
[72] BALMAIN, GREGORY, FR
[73] AIRBUS HELICOPTERS, FR
[73] LESCHI, ROBERT, ZZ
[73] CATRIS, STEPHANE, ZZ
[73] BALMAIN, GREGORY, ZZ
[86] (2881032)
[87] (2881032)
[22] 2015-02-03
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[51] **Int.Cl. A23L 13/50 (2016.01) A23L 5/10 (2016.01) A23L 7/157 (2016.01)**
[25] EN
[54] **ROAST CHICKEN PREPARATION METHOD**
[54] **PROCEDE DE PREPARATION DE POULET ROTI**
[72] PARK, CHUNG MAN, KR
[73] PARK, CHUNG MAN, KR
[85] 2015-02-04
[86] 2013-08-26 (PCT/KR2013/007639)
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[30] KR (10-2012-0099139) 2012-09-07

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[25] EN
[54] **PREPARATION METHOD FOR OPTICALLY ACTIVE BICYCLIC .GAMMA.-AMINO ACID COMPOUND**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE ?-AMINE BICYCLIQUE OPTIQUEMENT ACTIF**
[72] NAKAMURA, YOSHITAKA, JP
[72] UKAI, KAZUTOSHI, JP
[72] KITAWAKI, TAKAFUMI, JP
[72] NAKAJIMA, TAKUMI, JP
[72] KITAGAWA, YUTAKA, JP
[72] FURUYA, YUKITO, JP
[72] IMAI, MAKOTO, JP
[72] NUMAGAMI, EIJI, JP
[72] WAKAYAMA, MASAKAZU, JP
[72] SAITO, AYAKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] NAKAMURA, YOSHITAKA, ZZ
[73] UKAI, KAZUTOSHI, ZZ
[73] KITAWAKI, TAKAFUMI, ZZ
[73] NAKAJIMA, TAKUMI, ZZ
[73] KITAGAWA, YUTAKA, ZZ
[73] FURUYA, YUKITO, ZZ
[73] IMAI, MAKOTO, ZZ
[73] NUMAGAMI, EIJI, ZZ
[73] WAKAYAMA, MASAKAZU, ZZ
[73] SAITO, AYAKO, ZZ
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[87] (WO2015/005298)
[30] JP (2013-143052) 2013-07-08

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[51] **Int.Cl. H02M 5/04 (2006.01) H02J 3/06 (2006.01) H02P 1/32 (2006.01)**
[25] EN
[54] **THREE-PHASE ALTERNATING-CURRENT POWER SUPPLY SWITCHING CIRCUIT**
[54] **CIRCUIT DE COMMUTATION D'ALIMENTATION ELECTRIQUE EN COURANT ALTERNATIF TRIPHASE**
[72] HASEGAWA, KOJI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[73] HASEGAWA, KOJI, ZZ
[86] (2881948)
[87] (2881948)
[22] 2015-02-12
[30] JP (2014-028265) 2014-02-18

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[51] **Int.Cl. B60N 2/26 (2006.01) B60N 2/48 (2006.01)**
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[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] HUTCHINSON, JAMES M. F., US
[72] MASON, KYLE S., US
[73] BP CHILDREN'S PRODUCTS HK CO., LIMITED, HK
[73] HUTCHINSON, JAMES M. F., ZZ
[73] MASON, KYLE S., ZZ
[86] (2882651)
[87] (2882651)
[22] 2012-04-11
[62] 2,773,778
[30] US (61/517,215) 2011-04-15
[30] US (61/520,242) 2011-06-07
[30] US (61/629,059) 2011-11-10

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[51] **Int.Cl. H01J 49/42 (2006.01) F16B 7/00 (2006.01) F16L 3/22 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **SPACER FOR USE IN THE FABRICATION OF A MULTIPOLE ROD ASSEMBLY**
[54] **ESPACEUR POUR UTILISATION DANS LA FABRICATION D'UN ASSEMBLAGE DE BARRES MULTIPOLAIRES**
[72] STEINER, URS, US
[72] MOELLER, ROY P., US
[72] ZANON, STEPHEN, US
[73] BRUKER DALTONICS, INC., US
[73] STEINER, URS, ZZ
[73] MOELLER, ROY P., ZZ
[73] ZANON, STEPHEN, ZZ
[86] (2882718)
[87] (2882718)
[22] 2012-07-05
[62] 2,782,069
[30] US (61/507,838) 2011-07-14
[30] US (13/406,651) 2012-02-28

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[51] **Int.Cl. G05B 9/02 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHODS, APPARATUS, COMPUTER READABLE MEDIA, AND COMPUTER PROGRAMS FOR ESTIMATING MISSING REAL-TIME DATA FOR INTELLIGENT FIELDS**
[54] **PROCEDES, APPAREIL, SUPPORTS LISIBLES PAR ORDINATEUR ET PROGRAMMES D'ORDINATEUR POUR ESTIMER DES DONNEES EN TEMPS REEL MANQUANTES POUR DES CHAMPS INTELLIGENTS**
[72] ABITRABI, ABDEL NASSER, SA
[72] AL-AJMI, FAHAD, SA
[73] ABITRABI, ABDEL NASSER, ZZ
[73] AL-AJMI, FAHAD, ZZ
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-02-20
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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR INCREASING SWELLING EFFICIENCY BY ION REMOVAL**
[54] **SYSTEME PERMETTANT D'AUGMENTER L'EFFICACITE DE GONFLEMENT PAR ELIMINATION D'IONS**
[72] MAZYAR, OLEG A., US
[73] BAKER HUGHES INCORPORATED, US
[73] MAZYAR, OLEG A., ZZ
[85] 2015-02-24
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[25] EN
[54] **METHODS OF REFINING FIBERS, THE FIBERS AND PRODUCTS USING THE FIBERS**
[54] **METHODES DE RAFFINAGE DE FIBRES, LES FIBRES ET LES PRODUITS EMPLOYANT LES FIBRES**
[72] PANDE, HARSHAD, CA
[72] MARCOCCIA, BRUNO, US
[73] PANDE, HARSHAD, ZZ
[73] MARCOCCIA, BRUNO, ZZ
[73] DOMTAR PAPER COMPANY, LLC, US
[85] 2015-02-20
[86] 2013-08-21 (PCT/US2013/055971)
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[30] US (61/692,880) 2012-08-24
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING SCREEN-OUT USING A FRACTURING VALVE FOR MITIGATION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE BLOCAGE A L'AIDE D'UNE SOUPAPE DE RUPTURE POUR REDUCTION**
[72] BREKKE, KRISTIAN, NO
[73] BREKKE, KRISTIAN, ZZ
[73] FLOWPRO WELL TECHNOLOGY AS, NO
[85] 2015-03-06
[86] 2013-09-23 (PCT/IB2013/002997)
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[30] US (13/624,981) 2012-09-24

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[25] EN
[54] **METHOD AND APPARATUS FOR VITAMIN D ENHANCEMENT IN MUSHROOMS**
[54] **PROCEDE ET APPAREIL POUR RENFORCER LA VITAMINE D DANS LES CHAMPIGNONS**
[72] CHALUPA, WILLIAM F., US
[72] SCHROEDER, GARY M., US
[73] OAKSHIRE HOLDINGS, INC., US
[73] CHALUPA, WILLIAM F., ZZ
[73] SCHROEDER, GARY M., ZZ
[85] 2015-03-05
[86] 2013-09-16 (PCT/US2013/059862)
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[54] **COMPOSITE FIBER COMPONENT AND ROTOR BLADE**
[54] **ELEMENT COMPOSITE RENFORCE DE FIBRES POUR LA PALE DE ROTOR D'UNE EOLIENNE**
[72] EYB, ENNO, DE
[72] BENDEL, URS, DE
[72] MESTER, HENDRIK, DE
[73] SENVION SE, DE
[73] EYB, ENNO, ZZ
[73] BENDEL, URS, ZZ
[73] MESTER, HENDRIK, ZZ
[85] 2015-03-10
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[54] **HEAVY-DUTY AXLE/SUSPENSION SYSTEM**
[54] **SYSTEME D'ESSIEU/SUSPENSION ROBUSTE**
[72] PIEHL, DANIEL J., US
[72] ERDMANN, KEVIN J., US
[73] HENDRICKSON USA, L.L.C., US
[73] PIEHL, DANIEL J., ZZ
[73] ERDMANN, KEVIN J., ZZ
[85] 2015-03-12
[86] 2013-09-16 (PCT/US2013/059933)
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[25] EN
[54] **WINDOW AND DOOR SYSTEM HAVING EASILY CHANGEABLE STRUCTURE**
[54] **SYSTEME DE FENETRE ET DE PORTE A STRUCTURE POUVANT ETRE FACILEMENT CHANGEE**
[72] KIM, SOON SEOK, KR
[73] IDA CO., LTD., KR
[73] KIM, SOON SEOK, KR
[85] 2015-03-13
[86] 2013-08-22 (PCT/KR2013/007520)
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[30] KR (10-2012-0105793) 2012-09-24

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[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING GUM MASSAGING ELEMENTS**
[54] **ACCESSOIRE DE SOINS BUCCAUX COMPORTANT DES ELEMENTS DE MASSAGE DES GENCIVES**
[72] BAERTSCHI, ARMIN, CH
[72] ZWIMPFER, MARTIN, CH
[72] MOSKOVICH, ROBERT, US
[73] COLGATE-PALMOLIVE COMPANY, US
[73] BAERTSCHI, ARMIN, ZZ
[73] ZWIMPFER, MARTIN, ZZ
[73] MOSKOVICH, ROBERT, ZZ
[86] (2884980)
[87] (2884980)
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[25] EN
[54] **ORAL PREPARATION AND METHOD FOR PRODUCING THE SAME**
[54] **PREPARATION ORALE ET SON PROCEDE DE FABRICATION**
[72] LEE, JONG HWI, KR
[72] LEE, HYE SEUNG, KR
[72] LEE, MIN KYUNG, KR
[72] BAE, HARIM, KR
[72] KIM, YOU JIN, KR
[72] AN, SU YEONG, KR
[72] YEOM, JONG SEOK, KR
[72] SHIN, DONG RYOUL, KR
[72] JUNG, SEUNG HWAN, KR
[72] SONG, HYUN JOO, KR
[73] CHUNG-ANG UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[73] LEE, JONG HWI, ZZ
[73] LEE, HYE SEUNG, ZZ
[73] LEE, MIN KYUNG, ZZ
[73] BAE, HARIM, ZZ
[73] KIM, YOU JIN, ZZ
[73] AN, SU YEONG, ZZ
[73] YEOM, JONG SEOK, ZZ
[73] SHIN, DONG RYOUL, ZZ
[73] JUNG, SEUNG HWAN, ZZ
[73] SONG, HYUN JOO, ZZ
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[87] (WO2014/046312)
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[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **PRINTING APPARATUS**
[54] **APPAREIL D'IMPRESSION**
[72] MUHL, WOLFGANG, DE
[72] BECKMANN, STEFAN, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[73] MUHL, WOLFGANG, ZZ
[73] BECKMANN, STEFAN, ZZ
[86] (2885758)
[87] (2885758)
[22] 2015-03-23
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 21/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING FLOW IN A PIPE USING A FINGER VALVE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECOULEMENT DANS UNE TIGE A L'AIDE D'UN PURGEUR DE CHAMBRE**
[72] BREKKE, KRISTIAN, NO
[73] BREKKE, KRISTIAN, ZZ
[73] FLOWPRO WELL TECHNOLOGY AS, NO
[85] 2015-03-06
[86] 2013-09-20 (PCT/EP2013/069576)
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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/117 (2014.01) H04N 19/186 (2014.01) H04N 19/523 (2014.01) H04N 19/59 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING INTERPOLATION BASED ON TRANSFORM AND INVERSE TRANSFORM**
[54] **PROCEDE ET APPAREIL DESTINES A EXECUTER UNE INTERPOLATION SUR LA BASE D'UNE TRANSFORMATION ET D'UNE TRANSFORMATION INVERSE**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] CHOI, BYEONG-DOO, KR
[72] HONG, YOON-MI, KR
[72] HAN, WOO-JIN, KR
[72] LEE, TAMMY, KR
[73] ALSHINA, ELENA, ZZ
[73] ALSHIN, ALEXANDER, ZZ
[73] SHLYAKHOV, NIKOLAY, ZZ
[73] CHOI, BYEONG-DOO, ZZ
[73] HONG, YOON-MI, ZZ
[73] HAN, WOO-JIN, ZZ
[73] LEE, TAMMY, ZZ
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2887941)
[87] (2887941)
[22] 2011-04-05
[62] 2,795,626
[30] US (61/320,847) 2010-04-05
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[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING INTERPOLATION BASED ON TRANSFORM AND INVERSE TRANSFORM**
[54] **PROCEDE ET APPAREIL DESTINES A EXECUTER UNE INTERPOLATION SUR LA BASE D'UNE TRANSFORMATION ET D'UNE TRANSFORMATION INVERSE**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] CHOI, BYEONG-DOO, KR
[72] HONG, YOON-MI, KR
[72] HAN, WOO-JIN, KR
[72] LEE, TAMMY, KR
[73] ALSHINA, ELENA, ZZ
[73] ALSHIN, ALEXANDER, ZZ
[73] SHLYAKHOV, NIKOLAY, ZZ
[73] CHOI, BYEONG-DOO, ZZ
[73] HONG, YOON-MI, ZZ
[73] HAN, WOO-JIN, ZZ
[73] LEE, TAMMY, ZZ
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2887942)
[87] (2887942)
[22] 2011-04-05
[62] 2,795,626
[30] US (61/320,847) 2010-04-05
[30] US (61/367,498) 2010-07-26
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[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING INTERPOLATION BASED ON TRANSFORM AND INVERSE TRANSFORM**
[54] **PROCEDE ET APPAREIL DESTINES A EXECUTER UNE INTERPOLATION SUR LA BASE D'UNE TRANSFORMATION ET D'UNE TRANSFORMATION INVERSE**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] CHOI, BYEONG-DOO, KR
[72] HONG, YOON-MI, KR
[72] HAN, WOO-JIN, KR
[72] LEE, TAMMY, KR
[73] ALSHINA, ELENA, ZZ
[73] ALSHIN, ALEXANDER, ZZ
[73] SHLYAKHOV, NIKOLAY, ZZ
[73] CHOI, BYEONG-DOO, ZZ
[73] HONG, YOON-MI, ZZ
[73] HAN, WOO-JIN, ZZ
[73] LEE, TAMMY, ZZ
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2887944)
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[51] **Int.Cl. A47K 10/34 (2006.01) D21H 21/00 (2006.01)**
[25] EN
[54] **FLAVORED WIPE AND DISPENSING SYSTEM**
[54] **LINGETTE AROMATISEE ET SYSTEME DE DISTRIBUTION**
[72] STANGLER, DANIELLE R., US
[72] ROSSI, JULIA M., US
[72] STANGLER, RYAN, US
[73] TAYLORBABY, LLC, US
[73] STANGLER, DANIELLE R., ZZ
[73] ROSSI, JULIA M., ZZ
[73] STANGLER, RYAN, ZZ
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[25] EN
[54] **CLIP-ON CONNECTION SYSTEM FOR STAY-IN-PLACE FORM-WORK**
[54] **SYSTEME DE RACCORDEMENT PAR EMBOITEMENT POUR COFFRAGE PERDU**
[72] RICHARDSON, GEORGE DAVID, CA
[72] KRIVULIN, SEMION, CA
[73] CFS CONCRETE FORMING SYSTEMS INC., CA
[73] RICHARDSON, GEORGE DAVID, CA
[73] KRIVULIN, SEMION, CA
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[51] **Int.Cl. B29C 45/16 (2006.01) B60J 1/00 (2006.01) H05B 3/86 (2006.01)**
[25] EN
[54] **POLYMERIC VEHICLE GLAZING WITH A FLUSH MOUNTED OPAQUE EDGE ZONE**
[54] **GLACAGE POLYMERE DE VEHICULE DOTE D'UNE ZONE DE BORD OPAQUE AFFLEURANTE**
[72] MASSAULT, LAETITIA, FR
[72] LEFEVRE, PASCAL, FR
[72] GRANDGIRARD, BASTIEN, FR
[72] BLANCHE, LUC-HENRY, DE
[72] GULDAN, MARCUS, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[73] MASSAULT, LAETITIA, ZZ
[73] LEFEVRE, PASCAL, ZZ
[73] GRANDGIRARD, BASTIEN, ZZ
[73] BLANCHE, LUC-HENRY, ZZ
[73] GULDAN, MARCUS, ZZ
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[51] **Int.Cl. B61G 3/04 (2006.01)**
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[54] **COUPLER KNUCKLE PIN**
[54] **AXE POUR ENSEMBLE ATTELAGE-MACHOIRE**
[72] WEIPING, WANG, US
[73] AMSTED RAIL COMPANY, INC., US
[73] WEIPING, WANG, ZZ
[85] 2015-04-17
[86] 2013-10-17 (PCT/US2013/065476)
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[25] EN
[54] **CYLINDRICAL CASE AND MANUFACTURING METHOD OF CYCLINDRICAL CASE**
[54] **CARTER CYLINDRIQUE ET PROCEDE DE PRODUCTION DE CARTER CYLINDRIQUE**
[72] TANAKA, AGAMU, JP
[72] MORITA, HIDEO, JP
[72] OKUMURA, IKUO, JP
[72] SHIGENARI, YUU, JP
[72] HARADA, TAKASHI, JP
[72] DAN, YUSUKE, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[73] TANAKA, AGAMU, ZZ
[73] MORITA, HIDEO, ZZ
[73] OKUMURA, IKUO, ZZ
[73] SHIGENARI, YUU, ZZ
[73] HARADA, TAKASHI, ZZ
[73] DAN, YUSUKE, ZZ
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[25] EN
[54] **HIGH PERFORMANCE MOLDABLE COMPOSITE**
[54] **COMPOSITE MOULABLE A HAUT RENDEMENT**
[72] FOSS, STEPHEN W., US
[72] TURRA, JEAN-MARIE, US
[73] FOSS, STEPHEN W., ZZ
[73] TURRA, JEAN-MARIE, ZZ
[73] NONWOVEN NETWORK LLC, US
[86] (2889465)
[87] (2889465)
[22] 2015-05-01
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[25] EN
[54] **MALFUNCTION DETECTION APPARATUS AND HYBRID VEHICLE**
[54] **DISPOSITIF DE DETECTION DE MAUVAIS FONCTIONNEMENT ET VEHICULE HYBRIDE**
[72] TAKEDA, YOHEI, JP
[72] TSUKAHARA, HIDEAKI, JP
[73] HONDA MOTOR CO., LTD., JP
[73] TAKEDA, YOHEI, ZZ
[73] TSUKAHARA, HIDEAKI, ZZ
[85] 2015-04-28
[86] 2013-10-31 (PCT/JP2013/079579)
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[51] **Int.Cl. A63H 29/22 (2006.01) A63H 29/24 (2006.01) A63H 30/02 (2006.01)**
[25] EN
[54] **A SENSING CONTROL SYSTEM FOR ELECTRIC TOY**
[54] **UN SYSTEME DE DETECTION POUR COMMANDER UN JOUET ELECTRIQUE**
[72] CAI, DONGQING, CN
[73] CAI, DONGQING, ZZ
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2015-04-30
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[51] **Int.Cl. B23K 35/24 (2006.01) C22C 30/00 (2006.01) C22C 38/40 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **WELDED JOINT OF EXTREMELY LOW-TEMPERATURE STEEL, AND WELDING MATERIALS FOR PREPARING SAME**
[54] **JOINT SOUDE D'ACIER A TENUE AUX TEMPERATURES EXTREMEMENT BASSES, ET MATIERES DE SOUDURE POUR SA PREPARATION**
[72] HAN, IL-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, BONG-KEUN, KR
[72] LEE, HONG-KIL, KR
[73] POSCO, KR
[73] HAN, IL-WOOK, ZZ
[73] KIM, JEONG-KIL, ZZ
[73] LEE, BONG-KEUN, ZZ
[73] LEE, HONG-KIL, ZZ
[85] 2015-05-01
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[30] KR (10-2012-0133244) 2012-11-22
[30] KR (10-2012-0133245) 2012-11-22
[30] KR (10-2012-0135518) 2012-11-27

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[51] **Int.Cl. A01F 12/32 (2006.01)**
[25] EN
[54] **COMBINE HARVESTER WITH ADJUSTABLE CLEANING SHOE ARRANGEMENT**
[54] **MOISSONNEUSE-BATTEUSE AVEC AGENCEMENT SABOT DE NETTOYAGE REGLABLE**
[72] DESMET, TOM, BE
[72] BAERT, MATTHIAS, BE
[72] TALLIR, FREDERIK, BE
[72] MISSOTTEN, BART M. A., BE
[72] DUQUESNE, FRANK R. G., BE
[72] YDE, LUC, BE
[72] DEVRIESE, THIERRY E., BE
[73] CNH INDUSTRIAL BELGIUM NV, BE
[73] DESMET, TOM, ZZ
[73] BAERT, MATTHIAS, ZZ
[73] TALLIR, FREDERIK, ZZ
[73] MISSOTTEN, BART M. A., ZZ
[73] DUQUESNE, FRANK R. G., ZZ
[73] YDE, LUC, ZZ
[73] DEVRIESE, THIERRY E., ZZ
[85] 2015-05-07
[86] 2014-03-11 (PCT/EP2014/054655)
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[30] BE (BE2013/0159) 2013-03-12

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[13] A1
[51] **Int.Cl. B60T 17/00 (2006.01) B60B 35/00 (2006.01) C21D 7/06 (2006.01)**
[25] EN
[54] **AXLE MOUNT FOR HEAVY-DUTY VEHICLE BRAKE SYSTEM COMPONENTS**
[54] **MONTURE D'ESSIEU POUR ELEMENTS DE SYSTEME DE FREIN DE VEHICULE LOURD**
[72] FULTON, R. SCOTT, US
[72] PIERCE, PHILLIPPI R., US
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[72] CHAREST, MARK G., US
[72] LERNER, CHRISTIAN D., US
[72] BRUBACKER, JASON D., US
[72] SIEGEL, DIONICIO R., US
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[54] **APPAREIL DE TRAITEMENT DE LESSIVE DOTE D'UN MODULE DE FERMETURE ETANCHE**
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[72] LEE, JIHONG, KR
[73] LG ELECTRONICS INC., KR
[73] SEO, JINWOO, ZZ
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[54] **PROCEDE DE MOULAGE A LA PRESSE**
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[72] MIYAGI, TAKASHI, JP
[72] OGAWA, MISAO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CONCENTRE POUR BOISSONS LAITIERES**
[72] GREGG-ALBERS, JULIA L., DE
[72] WOLFSCHOON-POMBO, ALAN, DE
[72] EIBEL, HERMANN, DE
[73] GREGG-ALBERS, JULIA L., ZZ
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[73] HOME MORE ENTERPRISE CO. LTD, TW
[73] YANG, LI-FEN, ZZ
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[54] **COMPOSITION DE PEINTURE ET PROCEDE DE FORMATION DE REVETEMENT MULTICOUCHE**
[72] ONISHI, KOHEI, JP
[73] KANSAI PAINT CO., LTD., JP
[73] ONISHI, KOHEI, ZZ
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[73] GILEAD SCIENCES, INC., US
[73] NOTTE, GREGORY, ZZ
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[72] PULLMAN, MARC, US
[72] MONTGOMERY, JOE, US
[72] ROTO, LEIGH TAYLOR, US
[73] KNAACK LLC, US
[73] PULLMAN, MARC, ZZ
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[72] KUHN, MATTHEW THOMAS, US
[72] ZIEK, ROBERT RICHARD, US
[72] DONOVAN, ROBERT ST CLAIR, US
[73] JULIUS SAMANN LTD., BM
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[72] JOSEPH, CARROLL E., US
[73] NATIONAL HEAT EXCHANGE CLEANING CORPORATION, US
[73] ANTAL, BRIAN D., ZZ
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[73] HURDLE, ERIC, CA
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[54] **SEPARATEUR SOLIDE-LIQUIDE**
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[72] MATSUZAWA, MITSUHIRO, JP
[72] SEKIYA, SACHIO, JP
[72] KOKUGAN, YOKO, JP
[73] HITACHI, LTD., JP
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[72] BEALS, WILLIAM MICHAEL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[73] LAPALME, JEROME A., ZZ
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[73] I.D.E. TECHNOLOGIES LTD., IL
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[72] LATVA-KOKKO, MARKO, FI
[72] RITASALO, TEEMU, FI
[72] VAARNO, JUSSI, FI
[73] LATVA-KOKKO, MARKO, ZZ
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[72] ELMS, TREVOR R., CA
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[73] TREEFROG DEVELOPMENTS, INC., US
[73] RAYNER, GARY, ZZ
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[54] **FILM REFLECHISSANT LE RAYONNEMENT INFRAROUGE**
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[72] OHMORI, YUTAKA, JP
[73] NITTO DENKO CORPORATION, JP
[73] WATANABE, MASAHIKO, ZZ
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[54] **GIRAVION MUNI D'UN DISPOSITIF STABILISATEUR**
[72] EGLIN, PAUL, FR
[73] EGLIN, PAUL, ZZ
[73] AIRBUS HELICOPTERS, FR
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[54] **MOULE REFRACTAIRE**
[72] FARKAS, ATTILA P., US
[73] METAL CASTING TECHNOLOGY, INC., US
[73] FARKAS, ATTILA P., ZZ
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[54] **PROCEDE DE FABRICATION D'UN MOULE REFRACTAIRE**
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[73] METAL CASTING TECHNOLOGY, INC., US
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[72] DUQUESNE, FRANK R. G., BE
[72] MISSOTTEN, BART M. A., BE
[72] SOMERS, TOM N. N., BE
[73] CNH INDUSTRIAL BELGIUM NV, BE
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[54] **PROCEDE DE DEFINITION DE POINTS DE PASSAGE DE RAPPORT DE TRANSMISSION EN TEMPS REEL SUR BASE D'UNE COURBE DE PERFORMANCE DU MOTEUR**
[72] ETCHASON, EDMOND M., US
[73] ALLISON TRANSMISSION, INC., US
[73] ETCHASON, EDMOND M., ZZ
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[54] **CARTE DE SOUHAITS OFFRANT UN EFFET SONORE ACTIVE PAR UN CADRAN**
[72] PARKINSON, MICHELLE, US
[72] SHLONSKY, LYNNE, US
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[54] **SYSTEME DE RECUPERATION EFFICACE DE DONNEES MISES EN TAMPON DE NOEUD B APRES EXECUTION D'UN CHANGEMENT DE CELLULE POUR UN CANAL PARTAGE EN LIAISON DESCENDANTE GRANDE VITESSE**
[72] CHAO, YI-JU, US
[72] TERRY, STEPHEN E., US
[73] INTEL CORPORATION, US
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[54] **OBTURATEUR ANTI-ERUPTION A ENSEMBLE DE MACHOIRE A COINS ET SON PROCEDE D'UTILISATION**
[72] MELANCON, JEFFREY THOMAS, US
[73] NATIONAL OILWELL VARCO, L.P., US
[73] MELANCON, JEFFREY THOMAS, ZZ
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[54] **DISPOSITIF DE FIXATION DE CATHETER INTRACRANIAL OU DE CONDUCTEUR AU CRANE D'UN MALADE**
[72] SCHORN, GREG M., US
[72] SULLIVAN, SCOTT, US
[73] CODMAN & SHURTLEFF, INC., US
[73] SCHORN, GREG M., ZZ
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[54] **SYSTEM AND METHOD FOR PROVIDING MESSSAGES ON A WIRELESS DEVICE CONNECTING TO AN APPLICATION SERVER**
[54] **SYSTEME ET UN PROCEDE DE PRESENTATION D'UN MESSAGE SUR UN DISPOSITIF SANS FIL EN TRAIN DE SE CONNECTER A UN SERVEUR D'APPLICATIONS**
[72] MINEAR, BRIAN, US
[72] CHMAYTELLI, MAZEN, US
[72] OLIVER, MITCHELL B., US
[72] SPRIGG, STEPHEN A., US
[73] QUALCOMM INCORPORATED, US
[73] MINEAR, BRIAN, ZZ
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[72] SICKINGER, CHRISTOPH, DE
[72] HENNES, PATRICK, DE
[72] SCHEUNERT, BENJAMIN, DE
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[73] SICKINGER, CHRISTOPH, ZZ
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[54] **BOUTONS D'ACTION MULTIMEDIA**
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[73] TSENG, ERICK, ZZ
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[54] **ROUNDSLINGS WITH RADIO FREQUENCY IDENTIFICATION PRE-FAILURE WARNING INDICATORS**
[54] **ELINGUES RONDES AVEC INDICATEURS D'ALERTE PRE-DEFAILLANCE PAR IDENTIFICATION RADIOFREQUENCE**
[72] ST. GERMAIN, SCOTT, US
[73] SLINGMAX, INC., US
[73] ST. GERMAIN, SCOTT, ZZ
[85] 2016-02-10
[86] 2014-01-13 (PCT/US2014/011257)
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[54] **SECTION OF STAIRLIFT GUIDE RAIL AND KIT**
[54] **SEGMENT DE RAIL DE GUIDAGE DE MONTE-ESCALIER ET KIT ASSOCIE**
[72] HORTON, ROBERT GEORGE, GB
[73] ISLAND MOBILITY LTD, GB
[73] HORTON, ROBERT GEORGE, ZZ
[85] 2016-02-09
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[54] **AUTOMATIC BROILER FOR VARIABLE BATCH COOKING**
[54] **ROTISSOIRE AUTOMATIQUE POUR CUISSON PAR LOTS VARIABLE**
[72] COOK, JEFFREY R., US
[72] WENZEL, ROBERT J., US
[72] FINCK, MARK, US
[72] SHEI, STEVEN M., US
[72] LUEBKE, CLEMENT J., US
[73] BURGER KING CORPORATION, US
[73] COOK, JEFFREY R., ZZ
[73] WENZEL, ROBERT J., ZZ
[73] FINCK, MARK, ZZ
[73] SHEI, STEVEN M., ZZ
[73] LUEBKE, CLEMENT J., ZZ
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[54] **SYSTEM FOR TRANSPORTING PEOPLE**
[54] **INSTALLATION DE TRANSPORT DE PERSONNES**
[72] LUGER, PETER, AT
[72] MORITZHUBER, JOHANNES, AT
[72] DUR, GERD, AT
[73] INNOVA PATENT GMBH, AT
[73] LUGER, PETER, ZZ
[73] MORITZHUBER, JOHANNES, ZZ
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[25] EN
[54] **COMBINING USER PROFILE INFORMATION MAINTAINED BY VARIOUS SOCIAL NETWORKING SYSTEMS**
[54] **COMBINAISON D'INFORMATIONS DE PROFIL UTILISATEUR CONSERVE PAR DIVERS SYSTEMES DE RESEAUTAGE SOCIAL**
[72] KANTER, JEFFREY ANDREW, US
[72] DAVENPORT, BENJAMIN PETER, US
[72] FRIGGERI, ADRIEN THOMAS, US
[73] FACEBOOK, INC., US
[73] KANTER, JEFFREY ANDREW, ZZ
[73] DAVENPORT, BENJAMIN PETER, ZZ
[73] FRIGGERI, ADRIEN THOMAS, ZZ
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[54] **A CUSTOMIZABLE EAR INSERT**
[54] **INSERT AURICULAIRE PERSONNALISABLE**
[72] BLUMER, DANIEL, CA
[72] COHEN, NAVI, CA
[73] REVOL TECHNOLOGIES INC., CA
[73] BLUMER, DANIEL, CA
[73] COHEN, NAVI, CA
[85] 2016-06-16
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[54] **A METHOD AND SYSTEM FOR REDUCING DISTORTION OF A DIFFERENTIAL DATA SIGNAL**
[54] **UNE METHODE ET UN SYSTEME DE REDUCTION DE LA DISTORSION D'UN SIGNAL DE DONNEES DIFFERENTIEL**
[72] REA, JUDITH ANN, IE
[72] KEADY, AIDAN GERARD, IE
[72] KEANE, JOHN ANTHONY, IE
[72] HORAN, JOHN MARTIN, IE
[73] SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED, IE
[73] REA, JUDITH ANN, ZZ
[73] KEADY, AIDAN GERARD, ZZ
[73] KEANE, JOHN ANTHONY, ZZ
[73] HORAN, JOHN MARTIN, ZZ
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[25] EN
[54] **HIGH RESOLUTION CONTINUOUS DEPTH POSITIONING IN A WELL BORE USING PERSISTENT CASING PROPERTIES**
[54] **POSITIONNEMENT CONTINU EN PROFONDEUR HAUTE RESOLUTION DANS UN PUITS DE FORAGE A L'AIDE DE PROPRIETES DE TUBAGE PERMANENT**
[72] MANN, ETHAN H., US
[72] BLACK, ANDREW JAMES, US
[72] SCHIEL, AARON J., US
[73] MICRO-G LACOSTE, INC., US
[73] MANN, ETHAN H., ZZ
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[73] SCHIEL, AARON J., ZZ
[85] 2016-06-29
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[25] EN
[54] **STENTS FOR PLACEMENT OF ORTHODONTIC ATTACHMENTS, AND METHODS OF PRODUCING AND USING SUCH STENTS**
[54] **ENDOPROTHESES POUR LA MISE EN PLACE D'ATTACHES ORTHODONTIQUES ET PROCEDES DE PRODUCTION ET D'UTILISATION DE TELLES ENDOPROTHESES**
[72] WARD, ROBERT, CA
[73] WARD, ROBERT, CA
[86] (2936472)
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[54] **CAPTURING AND SENDING MULTIMEDIA AS ELECTRONIC MESSAGES**
[54] **CAPTURE ET ENVOI D'UN CONTENU MULTIMEDIA SOUS LA FORME DE MESSAGES ELECTRONIQUES**
[72] LANGHOLZ, BENJAMIN S., US
[72] ZHANG, LUCY CONGYUN, US
[73] FACEBOOK, INC., US
[73] LANGHOLZ, BENJAMIN S., ZZ
[73] ZHANG, LUCY CONGYUN, ZZ
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[54] **COMPOSING MESSAGES WITHIN A COMMUNICATION THREAD**
[54] **COMPOSITION DE MESSAGES DANS UN FIL DE COMMUNICATION**
[72] LANGHOLZ, BENJAMIN S., US
[73] FACEBOOK, INC., US
[73] LANGHOLZ, BENJAMIN S., ZZ
[85] 2016-08-02
[86] 2014-06-23 (PCT/US2014/043703)
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[54] **CRANE TIE ARM ADJUSTMENT**
[54] **AJUSTEMENT DE BRAS D'ATTACHE DE GRUE**
[72] SPRONKEN, JOHN RENE, CA
[73] SPRONKEN, JOHN RENE, CA
[86] (2940559)
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[25] EN
[54] **TELEMETRY OPERATED SETTING TOOL**
[54] **OUTIL DE REGLAGE ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, ROBIN L., US
[72] HEIDECKE, KARSTEN, US
[72] GIVENS, GEORGE, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[73] TURLEY, ROCKY A., ZZ
[73] CAMPBELL, ROBIN L., ZZ
[73] HEIDECKE, KARSTEN, ZZ
[73] GIVENS, GEORGE, ZZ
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[22] 2014-11-03
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[25] EN
[54] **ADJUSTABLE WIDTH AND FOLDING CAMERA DOLLY TRACK**
[54] **VOIE DE DOLLY DE CAMERA PLIANTE ET DE LARGEUR REGLABLE**
[72] CHAPMAN, LEONARD T., US
[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[73] CHAPMAN, LEONARD T., ZZ
[85] 2016-10-14
[86] 2015-05-14 (PCT/US2015/030901)
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[25] EN
[54] **SNACK FOOD SEASONING**
[54] **ASSAISONNEMENT POUR ALIMENT DE TYPE EN-CAS**
[72] BERI, AKASH, GB
[72] ALLEN, RACHAEL, GB
[72] LINTER, BRUCE, GB
[72] WATSON, RICHARD, GB
[72] SPYROPOULOS, FOTIS, GB
[72] NORTON, IAN, GB
[73] FRITO-LAY TRADING COMPANY GMBH, CH
[73] BERI, AKASH, ZZ
[73] ALLEN, RACHAEL, ZZ
[73] LINTER, BRUCE, ZZ
[73] WATSON, RICHARD, ZZ
[73] SPYROPOULOS, FOTIS, ZZ
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March 5, 2017 to March 11, 2017

Demandes canadiennes mises à la disponibilité du public

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[54] **SUSPENDED CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND SUSPENDU**
[72] VEGIARD, REAL, CA
[71] 7920512 CANADA INC., CA
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[25] EN
[54] **A ROTOR MOUNT**
[54] **UNE INSTALLATION DE ROTOR**
[72] CLARK, RANDAL J., CA
[71] CLARK, RANDAL J., CA
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[54] **COVER PLATE WITH REMOTELY CONTROLLABLE SWITCHING CIRCUIT**
[54] **PLAQUE PROTECTRICE A CIRCUIT DE COMMUTATION TELECOMMANDE**
[72] LESAGE, JEAN-CLAUDE, CA
[72] GUAY, KEVIN, CA
[71] MICLAU-S.R.I. INC., CA
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[54] **VIDEO RECORDING DEVICE HOLSTER**
[54] **SUPPORT DE DISPOSITIF D'ENREGISTREMENT VIDEO**
[72] DAVIS, TED MICHAEL, US
[72] SHANAHAN, JOSEPH PATRICK, US
[72] ARAYA, SIMON, US
[72] MCKEEMAN, ROBERT STEWART, US
[71] UTILITY ASSOCIATES, INC., US
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[54] **KD CHAIR AND STOOL CONSTRUCTION**
[54] **CONSTRUCTION DE BANC ET CHAISE D'ENFANT**
[72] YAO, ZHENG, CA
[71] YAO, ZHENG, CA
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[25] EN
[54] **STANDARDIZED HOT-PLUGGABLE TRNSCEIVING UNIT WITH CONTROL PLANE FUNCTIONALITIES**
[54] **MODULE RECEPTEUR NORMALISE A BRANCHEMENT A CHAUD DOTE DE FONCTIONNALITES D'AVION DE COMMANDE**
[72] LAVOIE, RENAUD, CA
[72] DUDEMAINE, ERIC, CA
[71] EMBRIONIX DESIGN INC., CA
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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/03 (2006.01)**
[25] EN
[54] **LONGITUDINAL POSITIONING TOOL FOR A ROD STRING**
[54] **OUTIL DE POSITIONNEMENT LONGITUDINAL DESTINE A UN TRAIN DE TIGES DE POMPAGE**
[72] TUCKER, SHAYNE L., CA
[72] TOPOROWSKI, BARTON, CA
[72] BATEMAN, PERRY, CA
[72] ELFORD, WENDALL, CA
[72] STRUNK, GLEN, CA
[71] TUCKER, SHAYNE L., CA
[71] TOPOROWSKI, BARTON, CA
[71] BATEMAN, PERRY, CA
[71] ELFORD, WENDALL, CA
[71] STRUNK, GLEN, CA
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[51] **Int.Cl. G01B 3/10 (2006.01)**
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[54] **RETRACTIBLE TAPE MEASURE WITH WRIST STRAP**
[54] **METRE RUBAN RETRACTABLE DOTE D'UNE DRAGONNE**
[72] WILEY, DANIEL DALE, CA
[71] WILEY, DANIEL DALE, CA
[22] 2015-09-11
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[25] EN
[54] **HEARING ASSISTANCE SYSTEM**
[54] **DISPOSITIF D'AIDE AUDITIVE**
[72] PONOMAREV, VLADIMIR, CA
[71] PONOMAREV, VLADIMIR, CA
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[51] **Int.Cl. A61B 5/16 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MOOD MONITORING AND/OR EPISODE PREDICTION IN A PATIENT DIAGNOSED WITH A MOOD DISORDER**
[54] **UN SYSTEME ET UNE METHODE DE SURVEILLANCE DE L'HUMEUR OU DE PREDICTION D'EPISODE CHEZ UN PATIENT AYANT UN DIAGNOSTIC DE TROUBLE DE L'HUMEUR**
[72] ORTIZ, ABIGAIL, CA
[72] BRADLER, KAMIL, CA
[71] ORTIZ, ABIGAIL, CA
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[51] **Int.Cl. B25B 23/16 (2006.01) B25B 13/00 (2006.01) B25B 15/00 (2006.01)**
[25] EN
[54] **CHAIN SECTIONED DRIVER**
[54] **ENTRAINEMENT SECTIONNE A CHAINE**
[72] VELA, BLESSED, CA
[71] VELA, BLESSED, CA
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[25] EN
[54] **WASTE WATER SEPARATION VESSEL**
[54] **RECIPIENT DE SEPARATION DES EAUX USEES**
[72] MANTYLA, JAMES, CA
[72] BIRD, ANDREW NEIL, CA
[72] POUPORE, TIMOTHY JAMES, CA
[72] ARMSTRONG, STEVE, CA
[71] CANPLAS INDUSTRIES LTD., CA
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[25] EN
[54] **CONSTRUCTION SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE CONSTRUCTION**
[72] DAHR, DAVID BURTON, CA
[71] DAHR, DAVID BURTON, CA
[22] 2015-09-09
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[25] EN
[54] **COMBINE HEADER REEL APPARATUS FOR SUNFLOWERS**
[54] **APPAREIL DE TAMBOUR D'ANDAINEUSE POUR FLEURS DE TOURNESOL**
[72] DIETRICH, DAVE, CA
[71] DIETRICH, DAVE, CA
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE PACKAGING OF NUCLEIC ACIDS INTO MICROGLIAL EXOSOMES FOR THE TARGETED EXPRESSION OF POLYPEPTIDES IN NEURAL CELLS**
[54] **METHODES ET COMPOSITIONS DE CONDITIONNEMENT D'ACIDES NUCLEIQUES DANS LES EXOSOMES MICROGLIAUX DESTINES A L'EXPRESSION CIBLEE DE POLYPEPTIDES DANS LES CELLULES NEURONALES**
[72] WONG, SCOTT ALLAN, CA
[72] CATON, EVAN ANTHONY, CA
[72] STINSON, ZAKERY KEVIN, CA
[72] DEMCHUK, AUBREY MARISSA, CA
[71] NOMADOGEN BIOTECHNOLOGIES INC., CA
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[54] **PROTEIN KINASE INHIBITORS**
[54] **INHIBITEURS DE PROTEINE KINASE**
[72] LAURENT, ALAIN, CA
[72] ROSE, YANNICK, CA
[72] MORRIS, STEPHEN J., CA
[71] PHARMASCIENCE INC., CA
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[25] EN
[54] **A METHOD FOR FACILITATING CONTROL OF A BATHING UNIT SYSTEM AND CONTROL PANEL IMPLEMENTING SAME**
[54] **UNE METHODE PERMETTANT DE FACILITER LE CONTROLE D'UN MODULE DE BAIGNOIRE ET PANNEAU DE CONTROLE ASSOCIE**
[72] LAFLAMME, BENOIT, CA
[72] BROCHU, CHRISTIAN, CA
[71] GECKO ALLIANCE GROUP INC., CA
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[54] **EASY RISER / EZ-RIZER**
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[72] STANLEY, STANLEY JOSEPH, CA
[71] STANLEY, STANLEY JOSEPH, CA
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[54] **SLICER**
[54] **TRANCHEUSE**
[72] YAMAMOTO, HAJIME, JP
[71] BENRINER CO., LTD., JP
[22] 2015-09-29
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[54] **SYSTEME D'HAMECON**
[72] DUFFIELD, WADE, CA
[71] DUFFIELD, WADE, CA
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[54] **SOUS-VETEMENT DE SOUTIEN**
[72] CHEN, DAVID E., US
[71] CHEN, DAVID E., US
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[41] 2017-03-09
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[25] EN
[54] **METHOD AND UNIT FOR GROWING VEGETABLES WITHIN A CLOSED ENVIRONMENT**
[54] **METHODE ET MODULE DE CROISSANCE DE LEGUMES DANS UN ENVIRONNEMENT FERME**
[72] TABAKMAN, ZALE LEWIS DAVID, CA
[71] 2479402 ONTARIO INC., ZZ
[22] 2015-10-14
[41] 2017-03-09
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[54] **SAC A GOUSSET LATERAL DESTINE AU CONDITIONNEMENT D'UN PRODUIT**
[72] TAKIGAWA, HIROYUKI, JP
[71] TAKIGAWA CORPORATION JAPAN, JP
[22] 2015-10-19
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[54] **BICYCLE TRANSPORT CONTAINER AND BICYCLE FIXING ELEMENT**
[54] **CONTENANT DE TRANSPORT DE BICYCLETTE ET ELEMENT DE FIXATION DE BICYCLETTE**
[72] SCHREIBER, DAVID, DE
[72] HAAS, CHRISTIAN, DE
[71] CANYON BICYCLES GMBH, DE
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[41] 2017-03-05
[30] DE (20 2015 006 608.9) 2015-09-05

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[54] **SEASONING MILL**
[54] **MOULIN A ASSAISONNEMENT**
[72] WU, MING-FENG, TW
[71] YIENN LIH ENTERPRISE CO. LTD., TW
[22] 2015-11-24
[41] 2017-03-09
[30] TW (104214573) 2015-09-09

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[51] **Int.Cl. E03C 1/22 (2006.01)**
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[54] **DRAIN STRUCTURE**
[54] **STRUCTURE D'EVACUATION**
[72] SHUCI-TIAN, SIE, TW
[71] SHUCI-TIAN, SIE, TW
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[41] 2017-03-07
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[25] EN
[54] **WORK PROJECT SYSTEMS AND METHODS**
[54] **SYSTEMES DE PROJET DE TRAVAIL ET METHODES**
[72] NORTON, PATRICK EDWARD, US
[72] GADHOKE, RANJEET HARJINDER, US
[71] ZACHRY INTELLECTUAL PROPERTY COMPANY, LLC, US
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[51] **Int.Cl. C09K 21/00 (2006.01) B32B 1/08 (2006.01) B32B 33/00 (2006.01) E04B 1/94 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FIREPROOFING CABLES AND OTHER STRUCTURAL MEMBERS**
[54] **SYSTEMES ET METHODES D'IGNIFUGATION DE CABLE ET D'AUTRES ELEMENTS STRUCTURELS**
[72] FYFE, EDWARD ROBERT, US
[71] DYMAT CONSTRUCTION PRODUCTS, INC., US
[22] 2015-12-30
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[54] **PADDING ARRANGEMENT FOR LACROSSE GLOVE WITH IMPROVED FLEXIBILITY**
[54] **ARRANGEMENT COUSSINE DESTINE A UN GANT DE JEU DE CROSSE AYANT UNE SOUPLESSE AMELIOREE**
[72] GAIT, PAUL, US
[72] PERRA, CHRIS, US
[72] MCKERNAN, PATRICK, US
[71] UNDER ARMOUR, INC., US
[22] 2016-04-04
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[54] **LIVE LOAD PIPE BALL JOINT**
[54] **ROTULE DE TUYAU A CHARGE ACTIVE**
[72] WILLIAMS, STEVEN, CA
[72] MARINCIC, ANTON, CA
[72] MILANOVIC, ZVONKO, CA
[72] BURTON, RONALD MARK, CA
[72] PAYVAR, REZA, CA
[71] FREUDENBERG OIL & GAS, LLC, US
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[51] **Int.Cl. G01N 23/06 (2006.01) G01N 23/04 (2006.01)**
[25] EN
[54] **SAFETY INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION DE SECURITE**
[72] ZHAO, ZIRAN, CN
[72] CHEN, ZHIQIANG, CN
[72] WU, WANLONG, CN
[72] ZHANG, LI, CN
[72] JIN, YINGKANG, CN
[72] RUAN, MING, CN
[71] NUCTECH COMPANY LIMITED, CN
[71] NUCTECH JIANGSU COMPANY LIMITED, CN
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[54] **A VACUUM HAVING A METAL DRUM AND A POLYMER BASE**
[54] **UN ASPIRATEUR COMPORTANT UN TAMBOUR EN METAL ET UNE BASE EN POLYMERE**
[72] WOLFORD, JOHN, US
[72] TOMASIAK, MARK, US
[72] HILL, JASON, US
[71] EMERSON ELECTRIC CO., US
[22] 2016-05-19
[41] 2017-03-10
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[54] **FITTINGS FOR TUBULARS**
[54] **RACCORDS DE TUBULURES**
[72] VAN BERKEL, CLINT, CA
[72] WOOD, CHRIS, CA
[71] VAN BERKEL, CLINT, CA
[71] WOOD, CHRIS, CA
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[54] **SWATHER TRACTOR SWATH WITH A COMPRESSOR ATTACHMENT**
[54] **ANDAINEUSE DE MOISSONNEUSE-ANDAINEUSE DOTEE D'UN ACCESSOIRE COMPRESSEUR**
[72] DUNN, JAMES T., CA
[72] GEORGISON, RYAN R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2016-06-27
[41] 2017-03-10
[30] CA (62216621) 2015-09-10

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[25] EN
[54] **PROCESS FOR GAS SEPARATIONS USING ZEOLITE SSZ-13**
[54] **PROCEDE DE SEPARATION DES GAZ AU MOYEN DE ZEOLITE SSZ-13**
[72] THOMPSON, JOSHUA ALLEN, US
[71] CHEVRON U.S.A. INC., US
[22] 2016-08-05
[41] 2017-03-10
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[51] **Int.Cl. A01K 13/00 (2006.01) A01K 29/00 (2006.01) A61D 9/00 (2006.01)**
[25] EN
[54] **PROTECTIVE DEVICE FOR AN INJURED ANIMAL**
[54] **DISPOSITIF PROTECTEUR DESTINE A UN ANIMAL BLESSE**
[72] MORYKON, PETER M., US
[72] MORYKON, DEBORAH L., US
[71] MORYKON, PETER M., US
[71] MORYKON, DEBORAH L., US
[22] 2016-08-04
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[51] **Int.Cl. F02C 3/067 (2006.01)**
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[54] **COUNTER-ROTATING COMPRESSOR**
[54] **COMPRESSEUR A CONTRE-ROTATION**
[72] VO, HUU DUC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-04
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[51] **Int.Cl. C07K 16/34 (2006.01) B01D 15/08 (2006.01) C07K 1/22 (2006.01)**
[25] EN
[54] **NOVEL AFFINITY CHROMATOGRAPHY MEDIA FOR REMOVAL OF ANTI-A AND/OR ANTI-B ANTIBODIES**
[54] **SUPPORT DE CHROMATOGRAPHIE PAR AFFINITE NOVATEUR DESTINE A L'ENLEVEMENT D'ANTICORPS ANTI-A ET ANTI-B**
[72] BIAN, NANYING, US
[72] SUN, CHIA-YUN, US
[72] HOLSTEIN, MELISSA, US
[72] COTONI, KRISTEN, US
[72] STONE, MATTHEW T., US
[72] RAHANE, SANTOSH, US
[71] MERCK PATENT GMBH, DE
[22] 2016-08-10
[41] 2017-03-08
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[51] **Int.Cl. G01N 30/86 (2006.01)**
[25] EN
[54] **METHODS OF EVALUATING QUALITY OF MEDIA SUITABLE FOR REMOVING ANTI-A OR ANTI-B ANTIBODIES**
[54] **METHODES D'EVALUATION DE LA QUALITE D'UN MILIEU CONVENANT A L'ELIMINATION D'ANTICORPS ANTI-A OU ANTI-B**
[72] RAHANE, SANTOSH, US
[72] TURIANO, MATTHEW, US
[72] BIAN, NANYING, US
[72] STONE, MATTHEW T., US
[71] MERCK PATENT GMBH, DE
[22] 2016-08-10
[41] 2017-03-08
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[13] A1
[51] **Int.Cl. G01N 30/56 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **METHODS OF EVALUATING QUALITY OF A CHROMATOGRAPHY MEDIA WHICH BINDS ANTI-A OR ANTI-B ANTIBODIES**
[54] **METHODES D'EVALUATION DE LA QUALITE D'UN SUPPORT DE CHROMATOGRAPHIE QUI LIE LES ANTICORPS ANTI-A OU ANTI-B**
[72] STONE, MATTHEW T., US
[72] BIAN, NANYING, US
[72] RAHANE, SANTOSH, US
[71] MERCK PATENT GMBH, DE
[22] 2016-08-10
[41] 2017-03-08
[30] US (62/215,423) 2015-09-08

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[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 3/14 (2006.01) H04B 1/38 (2015.01)**
[25] EN
[54] **APPARATUS AND METHODS TO DISPLAY THE STATUS OF AN ANCILLARY EMBEDDED SYSTEM**
[54] **APPAREILS ET METHODES D'AFFICHAGE DE L'ETAT D'UN SYSTEME INTEGRE AUXILIAIRE**
[72] PINDER, ELLIS A., US
[72] SIMMS, MATTHEW E., US
[71] MOTOROLA SOLUTIONS, INC., US
[22] 2016-08-12
[41] 2017-03-10
[30] US (14/850,517) 2015-09-10

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[51] **Int.Cl. F04D 29/36 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **BLADE FOR VARIABLE PITCH FAN**
[54] **PALE DESTINEE A UN VENTILATEUR A PAS VARIABLE**
[72] MCCALLUM, JONATHAN E., CA
[72] ANTOSZKO, GEORGE, CA
[72] KNIGHT, PETER, CA
[71] FLEXXAIRE INC., CA
[22] 2016-08-15
[41] 2017-03-08
[30] US (62/215,711) 2015-09-08

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[51] **Int.Cl. F16K 31/64 (2006.01) E03B 7/04 (2006.01) E03B 7/09 (2006.01) F24D 17/00 (2006.01) F24D 19/04 (2006.01)**
[25] EN
[54] **DRINKING AND SERVICE WATER SUPPLY DEVICE OF A BUILDING, AND REGULATING VALVE THEREFOR**
[54] **APPAREIL DISTRIBUTEUR D'EAU DE SERVICE ET DE CONSOMMATION D'UN BATIMENT, ET VANNE DE REGULATION ASSOCIEE**
[72] FRIES, STEFAN, DE
[71] GEBR. KEMPER GMBH + CO. KG METALLWERKE, DE
[22] 2016-08-19
[41] 2017-03-07
[30] DE (20 2015 006 366.7) 2015-09-07

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **CONTROL MODULE OF CORDLESS WINDOW COVERING**
[54] **MODULE DE COMMANDE D'UN REVETEMENT DE FENETRE SANS FIL**
[72] NIEN, CHAO-HUNG, TW
[72] CHANG, CHIH-YAO, TW
[71] NIEN MADE ENTERPRISE CO.,LTD., CN
[22] 2016-08-09
[41] 2017-03-08
[30] CN (201520689958.6) 2015-09-08

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[13] A1
[51] **Int.Cl. H02P 21/00 (2016.01) H02M 1/12 (2006.01) H02M 1/14 (2006.01)**
[25] EN
[54] **ELECTRICAL INSTALLATION COMPRISING AN ELECTRICAL APPARATUS, A THREE-PHASE INVERTER AND A CONTROL DEVICE FOR CONTROLLING THE INVERTER, AND RELATED METHOD**
[54] **INSTALLATION ELECTRIQUE COMPORTANT UN APPAREIL ELECTRIQUE, UN ONDULEUR TRIPHASE ET UN DISPOSITIF DE CONTROLE SERVANT A CONTROLER L'ONDULEUR, ET METHODE ASSOCIEE**
[72] DA SILVA, JOAQUIM, FR
[72] DEANDRADE, ANDRE, FR
[72] SADI-HADDAD, LAKDAR, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-08-23
[41] 2017-03-09
[30] EP (15306377.1) 2015-09-09

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[51] **Int.Cl. H02K 11/215 (2016.01) F16C 32/04 (2006.01)**
[25] EN
[54] **RADIAL POSITION SENSOR**
[54] **CAPTEUR DE POSITION RADIALE**
[72] DA SILVA, JOAQUIM, FR
[72] DUPUIS, YVES, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-08-23
[41] 2017-03-09
[30] EP (15306373.0) 2015-09-09

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[51] **Int.Cl. B61L 99/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **TRAIN PARKING OR MOVEMENT VERIFICATION AND MONITORING SYSTEM AND METHOD**
[54] **VERIFICATION DU STATIONNEMENT OU DU MOUVEMENT D'UN TRAIN ET SYSTEME ET METHODE DE SURVEILLANCE**
[72] HUCHROWSKI, FRANK, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-08-23
[41] 2017-03-09
[30] US (14/849,347) 2015-09-09

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[51] **Int.Cl. C08G 65/34 (2006.01) C10G 33/04 (2006.01)**
[25] EN
[54] **POLY ALKANOLAMINE EMULSION BREAKERS**
[54] **BROYEURS D'EMULSION DE POLYALCANOLAMINE**
[72] ROSE, DAVID JAY, US
[72] FORTUNE, THOMAS JOSEPH, US
[72] BURGOYNE, THOMAS W., US
[72] BRASHEAR, KIM, US
[72] WOLF, BETH ANN, US
[72] ZAID, GENE H., US
[71] JACAM CHEMICAL COMPANY 2013, LLC, US
[22] 2016-08-23
[41] 2017-03-08
[30] US (15/240,905) 2016-08-18
[30] US (14/848,046) 2015-09-08

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[13] A1
[51] **Int.Cl. F28D 21/00 (2006.01) F28D 17/00 (2006.01) F28D 20/00 (2006.01)**
[25] EN
[54] **THERMAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE**
[72] RUSH, BRIAN MAGANN, US
[72] THIAGARAJAN, NAVEENAN, US
[72] DE BOCK, HENDRIK PIETER JACOBUS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-08-25
[41] 2017-03-09
[30] US (14/848,860) 2015-09-09

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[13] A1
[51] **Int.Cl. F02C 7/00 (2006.01) B64C 11/38 (2006.01) B64C 11/40 (2006.01) F01D 7/00 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 9/58 (2006.01) F02K 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PROPELLER PITCH**
[54] **SYSTEME ET METHODE DE CONTROLE DE PAS D'HELICE**
[72] MISZKIEWICZ, KRZYSZTOF, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-08-25
[41] 2017-03-07
[30] PL (P-413810) 2015-09-07

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[13] A1
[51] **Int.Cl. H05K 9/00 (2006.01) H05K 5/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **ELECTRONIC EQUIPMENT HOUSINGS WITH INTEGRATED ELECTRONIC CARD GUIDES, ELECTROMAGNETIC INTERFERENCE (EMI) SHIELDING, AND THERMAL COOLING**
[54] **LOGEMENTS D'EQUIPEMENT ELECTRONIQUE DOTES DE GUIDES DE CARTE ELECTRONIQUE INTEGRES, PROTECTION CONTRE LES INTERFERENCES ELECTROMAGNETIQUES ET REFROIDISSEMENT THERMIQUE**
[72] SIZEMORE, DONALD MARK, US
[71] ROSS VIDEO LIMITED, CA
[22] 2016-08-25
[41] 2017-03-08
[30] US (14/847,165) 2015-09-08

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[13] A1
[51] **Int.Cl. B65D 3/06 (2006.01)**
[25] EN
[54] **PRESSWARE PAPERBOARD PLATE WITH WIDE BRIM AND GREATER STRENGTH**
[54] **ASSIETTE EN CARTON PRESSE A BORD LARGE ET SOLIDITE AMELIOREE**
[72] LITTLEJOHN, MARK B., US
[71] DIXIE CONSUMER PRODUCTS LLC, US
[22] 2016-08-26
[41] 2017-03-08
[30] US (62/215,602) 2015-09-08

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[13] A1
[51] **Int.Cl. G01R 33/28 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SAMPLING FLUIDS USING NUCLEAR MAGNETIC RESONANCE (NMR)**
[54] **SYSTEMES ET METHODES D'ECHANTILLONNAGE DE LIQUIDES PAR IMAGERIE PAR RESONNANCE MAGNETIQUE (IRM)**
[72] KANTZAS, APOSTOLOS, CA
[72] KRIOUTCHKOV, SERGUEI L., CA
[72] WANG, ZHENG YIN, CA
[71] PERM INSTRUMENTS INC., CA
[22] 2016-08-26
[41] 2017-03-09
[30] US (62/216,092) 2015-09-09

[21] **2,940,502**
[13] A1
[51] **Int.Cl. E01H 10/00 (2006.01)**
[25] EN
[54] **INTERLOCK ARRANGEMENT FOR POWERED DEVICES**
[54] **DISPOSITION DE VERROU DESTINEE A DES APPAREILS ALIMENTES**
[72] HOPPENSPERGER, ALEX J., US
[72] HOLVERSON, ANDREW, US
[71] MONROE TRUCK EQUIPMENT, INC., US
[22] 2016-08-26
[41] 2017-03-09
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5 mars 2017 au 11 mars 2017

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[25] EN
[54] **MODEL-BASED CHARACTERIZATION OF PRESSURE/LOAD RELATIONSHIP FOR POWER PLANT LOAD CONTROL**
[54] **CARACTERISATION FONDEE SUR LE MODELE DE RELATION PRESSION/CHARGE DE COMMANDE DE CHARGE DE CENTRALE ELECTRIQUE**
[72] CHENG, XU, US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[22] 2016-08-29
[41] 2017-03-09
[30] US (14/848,576) 2015-09-09

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[13] A1
[51] **Int.Cl. A01B 59/048 (2006.01) A01B 59/04 (2006.01) A01B 63/00 (2006.01)**
[25] EN
[54] **MULTI HEAD WINDROWER**
[54] **ANDAINEUSE MULTITETE**
[72] ROTOLE, DAVID V., US
[72] TEACH, KYLE R., US
[72] SHIPLEY, KYLE A., US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-03-09
[30] US (14/848,781) 2015-09-09

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[13] A1
[51] **Int.Cl. B29C 70/10 (2006.01)**
[25] EN
[54] **FIBER-REINFORCED COMPOSITES MADE WITH MULTI-PART THERMOPLASTIC POLYMERS**
[54] **COMPOSITES RENFORCES DE FIBRES FAITS DE POLYMERES THERMOPLASTIQUES EN PLUSIEURS PARTIES**
[72] ZHANG, MINGFU, US
[72] YOHANNES, ASHEBER, US
[72] ASRAR, JAWED, US
[71] JOHNS MANVILLE, US
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[54] **ANALYSEUR D'HUMIDITE ET DE SUBSTANCES VOLATILES**
[72] LAMBERT, JOSEPH, US
[72] DEESE, DAVID, US
[72] JENNINGS, WILLIAM, US
[71] CEM CORPORATION, US
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[54] **MECANISME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] ASAMI, YOSHIKAZU, JP
[72] ANDO, DAIGO, JP
[72] NAWATA, HIDEKAZU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEM AND METHOD FOR CONTROLLING PROPELLER PITCH**
[54] **SYSTEME ET METHODE DE CONTROLE DE PAS D'HELICE**
[72] MISZKIEWICZ, KRZYSZTOF, PL
[72] SZYMANDERA, ALEKSANDER KRZYSZTOF, PL
[72] SZYMANSKI, PIOTR, PL
[72] PRZADKA, ADAM, PL
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **LIQUID CONTAINMENT DEVICE AND CONTAINMENT OF LEAKAGE FROM A LIQUID RESERVOIR**
[54] **DISPOSITIF DE CONFINEMENT DE LIQUIDE ET CONFINEMENT DE FUITE D'UN RESERVOIR DE LIQUIDE**
[72] LAMBERT, JACQUES, CA
[72] MAUFFETTE, CLAUDE, CA
[72] HALMAI, PIERRE, CA
[71] 9319-8729 QUEBEC INC., CA
[22] 2016-09-06
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[25] EN
[54] **POLYMETHYLMETHACRYLATE BONE CEMENT WITH ADJUSTABLE INITIAL VISCOSITY, AND A METHOD FOR PRODUCING A BONE CEMENT DOUGH WITH VARIABLE INITIAL VISCOSITY**
[54] **CIMENT ORTHOPEDIQUE DE POLYMETHYLMETHACRYLATE A VISCOSITE INITIALE AJUSTABLE ET UNE METHODE DE PRODUCTION D'UNE PATE DE CIMENT ORTHOPEDIQUE A VISCOSITE INITIALE VARIABLE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-09-02
[41] 2017-03-10
[30] DE (10 2015 217 315.1) 2015-09-10

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[25] EN
[54] **SELF-REPOSITIONING STRUT PORTION FOR AERODYNAMIC SKIRT**
[54] **PORTION DE SUPPORT AUTO-POSITIONNANT DESTINEE A UNE JUPE AERODYNAMIQUE**
[72] BOIVIN, MATHIEU, CA
[72] BASSILY, GEORGES, CA
[72] KANTHARAJU, SWAROOP, CA
[72] TOME, ELIZABETH, CA
[72] DAOUST, SYLVAIN, CA
[72] DEIR, WALID, CA
[72] JAHROMI, ALI, CA
[71] TRANSTEX COMPOSITE INC., CA
[22] 2016-09-06
[41] 2017-03-07
[30] US (15/257,571) 2016-09-06
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[25] EN
[54] **ADVANCED STATIONARY SEALING COOLED CROSS-SECTION FOR AXIAL RETENTION OF CERAMIC MATRIX COMPOSITE SHROUDS**
[54] **SECTION TRANSVERSALE REFROIDIE A SCELLANT STATIONNAIRE EVOLUE DESTINEE A LA RETENUE AXIALE DE CHEMISES EN COMPOSITE A MATRICE CERAMIQUE**
[72] FITZPATRICK, DYLAN JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-09-01
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[54] **COMPOSITION FOR PAIN TREATMENT**
[54] **COMPOSITION DESTINEE AU TRAITEMENT DE LA DOULEUR**
[72] SKORPEN, BIRGIT CHRISTINE, DE
[71] SKORPEN, BIRGIT CHRISTINE, DE
[22] 2016-09-06
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[30] DE (10 2015 011 712.2) 2015-09-07

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[25] EN
[54] **FUEL CELL SYSTEM AND FUEL CELL VEHICLE**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET VEHICULE A PILE A COMBUSTIBLE**
[72] SAKAKIBARA, HIDEAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-09-06
[41] 2017-03-08
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[51] **Int.Cl. A47L 11/40 (2006.01) B08B 3/10 (2006.01)**
[25] EN
[54] **BOILER AND METHOD OF MANUFACTURE**
[54] **CHAUDIERE ET PROCEDE DE FABRICATION**
[72] WALMSLEY, NEIL, GB
[72] STONES, KEVIN, GB
[71] BLACK & DECKER INC., US
[22] 2016-09-02
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[51] **Int.Cl. B64D 11/00 (2006.01)**
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[54] **MOVEABLE SURFACE POWER DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'ALIMENTATION EN SURFACE MOBILE**
[72] JOUPER, JEFFREY A., US
[72] LAMB, JOHN S., US
[72] MARKERT, DENNIS P., US
[71] ASTRONICS ADVANCED ELECTRONIC SYSTEMS CORP., US
[22] 2016-09-02
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[51] **Int.Cl. F16D 65/14 (2006.01) B60T 8/176 (2006.01) F16D 55/00 (2006.01)**
[25] EN
[54] **DISC BRAKE ARRANGEMENT**
[54] **DISPOSITION DE FREIN A DISQUE**
[72] BOWYER, JOHN, US
[72] HAMMER, EDWARD, US
[72] O'BRIEN, SEAN, US
[71] SAF-HOLLAND, INC., US
[22] 2016-09-02
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[30] US (62/215,425) 2015-09-08
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[25] EN
[54] **EMBEDDED AUTHENTICATION IN A SERVICE PROVIDER NETWORK**
[54] **AUTHENTIFICATION INTEGREE DANS UN RESEAU DE FOURNISSEUR DE SERVICE**
[72] LEE, YIU LEUNG, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-09-02
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[51] **Int.Cl. E04B 1/68 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **VAPOUR BARRIER PAN**
[54] **PANNEAU PARE-VAPEUR**
[72] HUDSON, GLEN R., CA
[71] HUDSON, GLEN R., CA
[22] 2016-09-06
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[51] **Int.Cl. G01N 27/00 (2006.01) B65G 5/00 (2006.01) G01N 27/04 (2006.01) G01N 1/24 (2006.01)**
[25] FR
[54] **PERMANENT MEASUREMENT SENSOR FOR SOIL AND SUBSOIL**
[54] **SONDE DE MESURES PERMANENTES DANS LE SOL ET SOUS-SOL**
[72] ROUCHON, VIRGILE, FR
[72] LANGLOIS, BERNARD, FR
[72] FERNE, ERIC, FR
[72] FERNANDES-MARTO, CLAUDIO, FR
[72] GARCIA, BRUNO, FR
[72] LOISY, CORINNE, FR
[72] CEREPI, ADRIAN, FR
[72] LE ROUX, OLIVIER, FR
[72] SZABO, ZSUZSANNA, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **ICE FISHING STAND**
[54] **SUPPORT DE PECHE BLANCHE**
[72] ZVEZDONKIN, VOLODYMYR, CA
[71] ZVEZDONKIN, VOLODYMYR, CA
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[51] **Int.Cl. B44F 9/04 (2006.01)**
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[54] **MATERIAL AND METHOD FOR AN ARTIFICIAL ROCK**
[54] **MATERIAU ET METHODE DESTINES A UNE ROCHE ARTIFICIELLE**
[72] ABOU ARBID, SILIA, CA
[71] ABOU ARBID, SILIA, CA
[22] 2016-09-07
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[25] EN
[54] **ULTRA-LOW VOC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS A TRES FAIBLE TENEUR EN COV ET METHODES**
[72] LUCCARELLI, CHARLES J., US
[72] AMICUCCI, DARIO, US
[72] SHMUEL, GUY HANOCH, US
[71] LUCCARELLI, CHARLES J., US
[71] AMICUCCI, DARIO, US
[71] SHMUEL, GUY HANOCH, US
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[41] 2017-03-11
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[25] EN
[54] **CUP SLEEVE WITH POCKET**
[54] **MANCHON DE TASSE AVEC POCHETTE**
[72] DE GUZMAN, ARNOLD M., US
[71] DE GUZMAN, ARNOLD M., US
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[41] 2017-03-11
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[51] **Int.Cl. B60B 30/02 (2006.01)**
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[54] **TIRE JACK AND TROLLEY**
[54] **CRIC ET POULIE**
[72] RUCCHETTO, ANNA, CA
[71] RUCCHETTO, ANNA, CA
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[51] **Int.Cl. B41J 32/00 (2006.01) C09D 11/03 (2014.01)**
[25] EN
[54] **INK RIBBON, INK RIBBON CASSETTE AND PRINTER**
[54] **RUBAN D'ENCRE, CASSETTE DE RUBAN D'ENCRE ET IMPRIMANTE**
[72] EHARA, TAKAYUKI, JP
[72] SUDO, HIROAKI, JP
[71] MAX CO., LTD., JP
[22] 2016-09-07
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[25] EN
[54] **12G-SDI SWITCHER WITH INTEGRATED PROCESSING OF QUAD-LINK 3G-SDI**
[54] **COMMUTATEUR 12G-SDI A TRAITEMENT INTEGRE DE 3G-SDI QUAD-LINK**
[72] SIZEMORE, DONALD MARK, US
[72] RIGGS, JONATHAN TODD, US
[72] KANETA, SCOTT RAYMOND, US
[72] WILLIAMS, CHRISTOPHER JASON, US
[71] ROSS VIDEO LIMITED, CA
[22] 2016-09-08
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[30] US (62/215,693) 2015-09-08

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[51] **Int.Cl. H03M 99/00 (2006.01) H04N 21/242 (2011.01) H03K 19/177 (2006.01) H03M 9/00 (2006.01)**
[25] EN
[54] **DATA ALIGNMENT IMPLEMENTED IN A FIELD PROGRAMMABLE GATE ARRAY (FPGA) DEVICE**
[54] **ALIGNEMENT DE DONNEES MIS EN PLACE DANS UN DISPOSITIF DE MATRICE PREDIFFUSEE PROGRAMMABLE PAR L'UTILISATEUR (FPGA)**
[72] KANETA, SCOTT RAYMOND, US
[72] WILLIAMS, CHRISTOPHER JASON, US
[72] AMBROSE, DESMOND LESLIE, CA
[71] ROSS VIDEO LIMITED, CA
[22] 2016-09-08
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[51] **Int.Cl. H05K 1/02 (2006.01) H01R 12/52 (2011.01) H01R 13/629 (2006.01)**
[25] EN
[54] **CIRCUIT BOARD PAD LAYOUT AND MECHANICAL RETAINER**
[54] **DISPOSITION DE COUSSINET DE CIRCUIT IMPRIME ET DISPOSITIF DE FIXATION MECANIQUE**
[72] SIZEMORE, DONALD MARK, US
[72] KEIM, CURTIS RYLEE, US
[72] PARRY, NICHOLAS DANIEL, US
[72] BROWN, THOMAS CURTIS, US
[72] SONDEREGGER, MARK JUSTIN, CA
[71] ROSS VIDEO LIMITED, CA
[22] 2016-09-08
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[51] **Int.Cl. B65D 6/18 (2006.01) E05D 7/00 (2006.01)**
[25] EN
[54] **MULTI-AXIS HINGES AND CONTAINERS INCLUDING THE SAME**
[54] **CHARNIERES MULTIANGLES ET RECIPIENTS COMPORTANT LESDITES CHARNIERES**
[72] FICKER, PAUL J., US
[71] BUCKHORN INC., US
[22] 2016-09-07
[41] 2017-03-11
[30] US (15/255,375) 2016-09-02
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[13] A1
[51] **Int.Cl. F41A 3/26 (2006.01) F41A 3/30 (2006.01) F41A 5/18 (2006.01)**
[25] EN
[54] **CONTOURED CAM PIN FOR A ROTATING BOLT**
[54] **TIGE DE CAME PROFILEE DESTINEE A UN BOULON ROTATIF**
[72] LEWIS, KARL R., US
[71] KRL HOLDING COMPANY, INC., IT
[22] 2016-09-08
[41] 2017-03-11
[30] US (62/217,149) 2015-09-11

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[51] **Int.Cl. E01F 9/673 (2016.01)**
[25] EN
[54] **POST-MOUNT TEETER FOR USE WITH A SIGNAL DEVICE**
[54] **BASCULE POST-INTALLATION DESTINEE A UN DISPOSITIF DE SIGNALISATION**
[72] OGDEN, STACEY E., US
[71] L&W INDUSTRIES, LLC, US
[22] 2016-09-09
[41] 2017-03-09
[30] US (62/215,762) 2015-09-09
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[13] A1
[51] **Int.Cl. G08B 3/10 (2006.01) G10L 19/02 (2013.01)**
[25] EN
[54] **GENERATING ADAPTIVE NOTIFICATION**
[54] **PRODUCTION DE NOTIFICATION ADAPTATIVE**
[72] GRENN, JOHN PATRICK, CA
[72] ALMALKI, NAZIH, CA
[72] FERRINGO, BRADLEY, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-09-09
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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 20/38 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING DATA, CORRESPONDING DEVICES AND COMPUTER PROGRAMS**
[54] **METHODE DE TRANSMISSION DES DONNEES, APPAREILS ET PROGRAMMES INFORMATIQUES CORRESPONDANTS**
[72] DUCROHET, VINCENT, FR
[71] INGENICO GROUP, FR
[22] 2016-09-09
[41] 2017-03-11
[30] FR (1558451) 2015-09-11

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[51] **Int.Cl. B62B 3/04 (2006.01) A61G 3/02 (2006.01) A61G 3/04 (2006.01) B62B 5/06 (2006.01) B66F 9/06 (2006.01)**
[25] EN
[54] **HAND TRUCK WITH LIFT**
[54] **CHARIOT DOTE D'UN APPAREIL DE LEVAGE**
[72] WRIGHT, DONALD W., CA
[71] WRIGHT, DONALD W., CA
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[25] EN
[54] **VIDEO SIGNAL TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE SIGNAL VIDEO**
[72] NAKAMURA, KAZUNORI, JP
[72] NARITA, KAZUKI, JP
[71] MEDIA GLOBAL LINKS CO., LTD., JP
[22] 2016-09-09
[41] 2017-03-10
[30] JP (2015-178774) 2015-09-10

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[13] A1
[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/433 (2011.01) H04N 21/44 (2011.01)**
[25] EN
[54] **VIDEO TRANSMISSION SYSTEM AND VIDEO RECEIVER**
[54] **SYSTEME DE TRANSMISSION VIDEO ET RECEPTEUR VIDEO**
[72] NAKAMURA, KAZUNORI, JP
[72] NARITA, KAZUKI, JP
[71] MEDIA GLOBAL LINKS CO., LTD., JP
[22] 2016-09-09
[41] 2017-03-09
[30] JP (2015-178012) 2015-09-09

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[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01)**
[25] EN
[54] **SYSTEM ARM NOTIFICATION BASED ON BLE POSITION**
[54] **NOTIFICATION D'ARMEMENT DE SYSTEME FONDEE SUR UNE POSITION BLUETOOTH FAIBLE ENERGIE**
[72] HUA, WEIFENG, US
[72] LI, GEORGE, US
[72] WANG, ZIV, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-09-08
[41] 2017-03-11
[30] US (14/851,109) 2015-09-11

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[13] A1
[51] **Int.Cl. E04H 4/00 (2006.01) E04H 4/14 (2006.01) F21S 4/00 (2016.01) F21S 10/02 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **LIGHTED INFLATABLE APPARATUS**
[54] **APPAREIL GONFLABLE ILLUMINE**
[72] TONG, RICKY, CN
[72] HERSHOCK, SCOTT CHARLES, US
[72] ZHANG, YIFENG, CN
[72] LAN, CHAOLONG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2016-09-08
[41] 2017-03-09
[30] US (62/215,865) 2015-09-09

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[13] A1
[51] **Int.Cl. A61L 27/56 (2006.01) A61F 2/28 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **INJECTABLE CHITOSAN SPONGES FOR ENHANCING BONE REGENERATION**
[54] **EPONGES DE CHITOSAN INJECTABLES DESTINEES A AMELIORER LA REGENERATION OSSEUSE**
[72] NAYEF, LAMEES, CA
[72] MEKHAIL, MINA, CA
[72] TABRIZIAN, MARYAM, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[41] 2017-03-10
[30] US (62/216,396) 2015-09-10

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 35/741 (2015.01) A61K 9/00 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **ORAL DOSAGE FORM**
[54] **FORME DE DOSAGE ORAL**
[72] DANIELS, ROLF, DE
[72] HOFFMANN, ANJA, DE
[72] GOTZ, MARCUS RUDOLF, DE
[72] FISCHER, JORG THILO, DE
[72] HOLMGREN, KERSTIN, SE
[71] SYMRISE AG, DE
[22] 2016-09-09
[41] 2017-03-11
[30] EP (15 184 849.6) 2015-09-11
[30] EP (15 193 826.3) 2015-11-10

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[13] A1
[51] **Int.Cl. A47B 55/02 (2006.01) A47B 45/00 (2006.01) A47B 57/00 (2006.01)**
[25] EN
[54] **RETRACTABLE HINGED SHELF DISPLAY**
[54] **PRESENTOIR A TABLETTE A CHARNIERE RETRACTABLE**
[72] TURNER, CHRISTOPHER J., US
[72] FLUEGGE, CRAIG A., US
[71] DCI MARKETING, INC., US
[22] 2016-09-12
[41] 2017-03-10
[30] US (62/216,805) 2015-09-10

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[25] EN
[54] **FRACTURING FLUID COMPOSITION AND METHOD UTILIZING SAME**
[54] **COMPOSITION DE LIQUIDE DE FRACTURATION ET METHODE D'UTILISATION ASSOCIEE**
[72] SCHARMACH, WILLIAM J., US
[72] KELLY, RICHARD M., US
[71] PRAXAIR TECHNOLOGY, INC., US
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[30] US (62/217103) 2015-09-11
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[54] **CONTROLLED PNEUMATIC WELL PUMPING SYSTEM, AND METHOD FOR OPTIMIZING PUMP STROKE SPEED**
[54] **SYSTEME DE POMPAGE DE PUITS PNEUMATIQUE CONTROLE ET METHODE D'OPTIMISATION DE LA VITESSE DE COURSE DE LA POMPE**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
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[54] **MODULARIZABLE REGISTER**
[54] **CAISSE ENREGISTREUSE MODULAIRE**
[72] OSMON, JOSH DAVID, US
[72] MCPHERSON HICKS, TRICIA, US
[72] WISE, LORI LEE, US
[71] WAL-MART STORES, INC., US
[22] 2016-08-31
[41] 2017-03-11
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[51] **Int.Cl. C04B 41/85 (2006.01) C04B 41/89 (2006.01)**
[25] EN
[54] **APPLYING SILICON METAL-CONTAINING BOND LAYER TO CERAMIC OR CERAMIC MATRIX COMPOSITE SUBSTRATES**
[54] **APPLICATION D'UNE COUCHE LIANTE RENFERMANT DU SILICIUM METALLIQUE A DES SUBSTRATS EN CERAMIQUE OU EN COMPOSITE A MATRICE CERAMIQUE**
[72] SHIM, SUNGBO, US
[72] LEE, KANG N., US
[72] HARRIS, STEPHEN ISAIAH, US
[72] LAZUR, ANDREW JOSEPH, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-09-09
[41] 2017-03-10
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[51] **Int.Cl. E05D 7/00 (2006.01) E05D 7/04 (2006.01) E06B 3/48 (2006.01) E06B 9/17 (2006.01)**
[25] EN
[54] **ADJUSTABLE HINGE FOR VERTICALLY HANGING PANEL**
[54] **CHARNIERE AJUSTABLE DESTINEE A UN PANNEAU SUSPENDU VERTICALEMENT**
[72] MCINNIS, JAMES, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[22] 2016-09-09
[41] 2017-03-10
[30] US (15/259,111) 2016-09-08
[30] US (62/216,648) 2015-09-10

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/31 (2013.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **STRONG AUTHENTICATION USING A FEEDER ROBOT IN A FEDERATED IDENTITY WEB ENVIRONMENT**
[54] **AUTHENTIFICATION ROBUSTE AU MOYEN D'UN ROBOT D'ALIMENTATION DANS UN ENVIRONNEMENT WEB D'IDENTITE FEDEREE**
[72] TANG, ZILONG, US
[71] DRFIRST.COM, INC., US
[22] 2016-09-09
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[51] **Int.Cl. G06F 17/50 (2006.01) E21B 43/12 (2006.01) E21B 43/32 (2006.01)**
[25] EN
[54] **ICD OPTIMIZATION**
[54] **OPTIMISATION DE DISPOSITIF DE CONTROLE D'ECOULEMENT D'ENTREE (ICD)**
[72] VACHON, GUY, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-09-09
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[51] **Int.Cl. G01J 1/00 (2006.01)**
[25] FR
[54] **PHOTOMETRIC DATA COLLECTION METHOD WITH IMPROVED PRECISION**
[54] **PROCEDE DE RELEVE DE DONNEES PHOTOMETRIQUES DE PRECISION AMELIOREE**
[72] DAEL, CLEMENCE, FR
[72] HORTON, FRANCK, FR
[72] LEBRET, JEAN, FR
[71] BOUYGUES ENERGIES & SERVICES, FR
[22] 2016-09-09
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[51] **Int.Cl. F16M 13/02 (2006.01) F16M 11/04 (2006.01)**
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[54] **TRAIL CAMERA MOUNTING SYSTEM**
[54] **SYSTEME D'INSTALLATION DE CAMERA DE SUIVI**
[72] DEMERS, MICHAEL S., US
[72] EVANS, SIMON, US
[71] SPY HIGH LLC, US
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[25] EN
[54] **LINEAR INDUCTION MOTOR WITH REDUCED END-EFFECT**
[54] **MOTEUR A INDUCTION LINEAIRE A EFFET FINAL REDUIT**
[72] SAFAEE, ALIREZA, US
[72] WORONOWICZ, KONRAD, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTION OF IMPERFECTIONS BY DETECTING CHANGES IN FLUX OF A MAGNETIZED BODY**
[54] **APPAREIL ET METHODE DE DETECTION DES IMPERFECTIONS PAR DETECTION DES CHANGEMENTS DANS LE FLUX D'UN CORPS MAGNETISE**
[72] BRANDSTROM, RANDEL, CA
[71] BRANDSTROM, RANDEL, CA
[22] 2016-12-30
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[25] EN
[54] **INDUCTION HOLDING, WARMING, AND COOKING SYSTEM HAVING IN-UNIT MAGNETIC CONTROL**
[54] **SYSTEME DE MAINTIEN, DE RECHAUD ET DE CUISSON A INDUCTION A COMMANDE MAGNETIQUE INTEGREE**
[72] METZ, REINHARD, US
[71] COOKTEK INDUCTION SYSTEMS, LLC, US
[85] 2016-03-15
[86] 2016-02-11 (PCT/US2016/017592)
[87] (2923273)
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[51] **Int.Cl. G01R 31/34 (2006.01) H02K 19/06 (2006.01)**
[25] EN
[54] **METHOD FOR QUANTITATIVE EVALUATION OF SWITCHED RELUCTANCE MOTOR SYSTEM RELIABILITY THROUGH THREE-LEVEL MARKOV MODEL**
[54] **METHODE D'EVALUATION QUANTITATIVE DE LA FIABILITE DE MECANISME A MOTEUR A RELUCTANCE COMMUTEE AU MOYEN DU MODELE DE MARKOV A TROIS NIVEAUX**
[72] CHEN, HAO, CN
[72] XU, SHUAI, CN
[72] DONG, JINLONG, CN
[72] WANG, XING, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[86] 2015-12-28 (PCT/CN2015/099103)
[87] (2938533)
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[54] **MITOCHONDRIAL ALDEHYDE DEHYDROGENASE 2 (ALDH2) BINDING POLYCYCLIC AMIDES AND THEIR USE FOR THE TREATMENT OF CANCER**
[54] **AMIDES POLYCYCLIQUES SE LIANT A L'ALDEHYDE DESHYDROGENASE 2 (ALDH2) MITOCHONDRIALE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] YANG, WENJIN, US
[72] YU, TEH-YIE, US
[72] JIANG, CHUN, US
[71] AVIV THERAPEUTICS, INC., US
[85] 2016-08-19
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[25] EN
[54] **METHOD FOR SEALINGLY CLOSING A BOTTLE AND ASSOCIATED SEALINGLY CLOSED BOTTLE**
[54] **PROCEDE DE FERMETURE HERMETIQUE D'UNE BOUTEILLE ET BOUTEILLE A FERMETURE HERMETIQUE CORRESPONDANTE**
[72] MUTTERLE, ANTONIO, IT
[71] MUTTERLE, ANTONIO, IT
[85] 2016-11-15
[86] 2015-06-17 (PCT/IB2015/054579)
[87] (WO2015/193830)
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[25] EN
[54] **SMOKE TRAP APPARATUS AND SYSTEM**
[54] **APPAREIL DE PIEGE A FUMEE ET SYSTEME**
[72] COLSTON, MICHAEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
[85] 2016-11-22
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[87] (2949411)
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[51] **Int.Cl. B01J 19/18 (2006.01) B01J 4/00 (2006.01) B01J 10/00 (2006.01) C07C 2/08 (2006.01)**
[25] EN
[54] **ENHANCED HOMOGENOUS CATALYZED REACTOR SYSTEMS**
[54] **SYSTEMES DE REACTEURS AMELIORES A CATALYSE HOMOGENE**
[72] KHURRAM, SHEHZADA, SA
[72] AZAM, SHAHID, SA
[72] ALQAHTANI, ABDULLAH, SA
[72] ILIYAS, ABDULJELIL, SA
[72] AL-MASRY, WAHEED, SA
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
[85] 2016-11-24
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[51] **Int.Cl. G01N 33/48 (2006.01) B81B 7/00 (2006.01) C12M 1/34 (2006.01) C12M 1/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS INCLUDING A ROTARY VALVE FOR AT LEAST ONE OF SAMPLE PREPARATION OR SAMPLE ANALYSIS**
[54] **SYSTEMES ET PROCEDES COMPORTANT UNE VANNE ROTATIVE POUR UNE PREPARATION D'ECHANTILLON OU UNE ANALYSE D'ECHANTILLON**
[72] BOHM, SEBASTIAN, US
[72] ARAVANIS, ALEX, US
[72] HSIAO, ALEXANDER, US
[72] JAVANMARDI, BEHNAM, US
[72] KHURANA, TARUN, US
[72] TRAN, HAI QUANG, US
[72] AGHABABAZADEH, MAJID, US
[72] BOWEN, M. SHANE, US
[72] BOYANOV, BOYAN, US
[72] BUERMANN, DALE, US
[71] ILLUMINA, INC., US
[85] 2016-11-24
[86] 2015-06-03 (PCT/US2015/034053)
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[51] **Int.Cl. G01N 1/40 (2006.01) B01L 3/00 (2006.01) C07K 1/14 (2006.01) C07K 1/22 (2006.01) C07K 16/00 (2006.01) C12M 1/40 (2006.01) C12N 15/10 (2006.01) C07K 14/75 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTION AND PROCESSING DEVICE**
[54] **DISPOSITIF DE COLLECTE ET DE TRAITEMENT D'ECHANTILLON**
[72] RIDA, AMAR, CH
[72] FERRARI, SELENE, CH
[71] DEBIOPHARM INTERNATIONAL SA, CH
[85] 2016-11-30
[86] 2015-06-01 (PCT/IB2015/054150)
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[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING OF A BIOLOGICAL SAMPLE OF A MAMMAL, COMPOSITION FOR USE IN THIS METHOD AND KIT FOR PERFORMANCE OF THIS METHOD**
[54] **PROCEDE D'IDENTIFICATION D'ECHANTILLON BIOLOGIQUE DE MAMMIFERE, COMPOSITION DESTINEE A ETRE UTILISEE DANS CE PROCEDE, ET KIT POUR EXECUTER CE PROCEDE**
[72] KELLER, RUPRECHT, DE
[71] KELLER, RUPRECHT, DE
[85] 2016-12-06
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[87] (WO2015/193151)
[30] DE (10 2014 008 723.9) 2014-06-18

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01)**
[25] EN
[54] **FUSED BICYCLIC HETEROAROMATIC DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES HETEROAROMATIQUES BICYCLIQUES CONDENSES UTILES EN TANT QU'INHIBITEURS DE KINASES**
[72] HORSLEY, HELEN TRACEY, GB
[72] HUANG, QIUYA, BE
[72] NEUSS, JUDI CHARLOTTE, GB
[72] REUBERSON, JAMES THOMAS, GB
[72] VANDERHOYDONCK, BART, BE
[71] UCB BIOPHARMA SPRL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
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[86] 2015-06-11 (PCT/EP2015/063052)
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[30] GB (1410817.9) 2014-06-17

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01)**
[25] EN
[54] **PYRAZOLO-PYRIDINE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES PYRAZOLOPYRIDINIQUES COMME INHIBITEURS DE KINASE**
[72] FORD, DANIEL JAMES, GB
[72] REUBERSON, JAMES THOMAS, GB
[71] UCB BIOPHARMA SPRL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
[85] 2016-12-07
[86] 2015-06-11 (PCT/EP2015/063048)
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[30] GB (1410815.3) 2014-06-17

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[54] **ORAL COMPOSITION**
[54] **COMPOSITION ORALE**
[72] BERGLUND, THOMAS, NO
[71] MEDA OTC AB, SE
[85] 2016-12-07
[86] 2015-06-17 (PCT/EP2015/063518)
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[30] NO (20140765) 2014-06-18

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[51] **Int.Cl. C07C 233/78 (2006.01) A61K 31/132 (2006.01) A61K 31/137 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) A61K 31/167 (2006.01) A61K 31/18 (2006.01) A61P 25/28 (2006.01) C07C 211/27 (2006.01) C07C 211/29 (2006.01) C07C 235/50 (2006.01) C07C 237/06 (2006.01) C07C 237/20 (2006.01) C07C 237/34 (2006.01) C07C 255/60 (2006.01) C07C 311/37 (2006.01) C07D 209/44 (2006.01)**
[25] EN
[54] **COMPOUNDS, PHARMACEUTICAL COMPOSITION AND THEIR USE IN TREATING NEURODEGENERATIVE DISEASES**
[54] **COMPOSES, COMPOSITION PHARMACEUTIQUE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] MELNYK, PATRICIA, FR
[72] VERMERSCH, PATRICK, FR
[72] CARATO, PASCAL, FR
[72] OXOMBRE-VANTEGHEM, BENEDICTE, FR
[72] ZEPHIR, HELENE, FR
[72] DONNIER-MARECHAL, MARION, FR
[71] UNIVERSITE DE LILLE 2 DROIT ET SANTE, FR
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE (CHRU), FR
[85] 2016-12-07
[86] 2015-06-15 (PCT/EP2015/063370)
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[25] EN
[54] **MICROFLUIDIC DELIVERY SYSTEM FOR RELEASING FLUID COMPOSITIONS**
[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE POUR LIBERATION DE COMPOSITIONS FLUIDES**
[72] GRUENBACHER, DANA PAUL, US
[72] HUNT, DAVE, US
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] DODD, SIMON, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-06
[86] 2015-06-19 (PCT/US2015/036547)
[87] (WO2015/195993)
[30] US (14/310,285) 2014-06-20

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[13] A1
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[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING DENTAL EROSION**
[54] **COMPOSITION POUR LA PREVENTION OU LE TRAITEMENT DE L'EROSION DENTAIRE**
[72] BERGLUND, THOMAS, NO
[72] JOHANSSON-RUDEN, GUNILLA, SE
[71] MEDA OTC AB, SE
[85] 2016-12-07
[86] 2015-06-18 (PCT/EP2015/063693)
[87] (WO2015/193424)
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[25] EN
[54] **INTRAVAGINAL FORMULATIONS COMPRISING GNRH**
[54] **FORMULATIONS INTRAVAGINALES COMPRENANT GNRH**
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[72] LUO, LAIBIN, US
[72] SUCHETA, SUSAN C., US
[72] WICKS, NICHOLAS A., US
[72] KOLBASA, KAREN P, US
[71] ZOETIS SERVICES LLC, US
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[87] (WO2015/195333)
[30] US (62/012,523) 2014-06-16

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[25] EN
[54] **METHODS FOR TREATING CARDIOVASCULAR DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] FAN, PEIDONG, US
[72] KANG, JONG, US
[72] MIKELS-VIGDAL, AMANDA, US
[72] YAO, LINA, US
[72] ZHONG, HONGYAN, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-07
[86] 2015-06-04 (PCT/US2015/034217)
[87] (WO2015/191362)
[30] US (62/010,929) 2014-06-11

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[13] A1
[51] **Int.Cl. G01N 33/487 (2006.01)**
[25] EN
[54] **SENSOR CLIP FOR STACKED SENSOR DISPENSING SYSTEM, AND SYSTEM USING THE SAME**
[54] **PINCE POUR CAPTEURS POUR SYSTEME DE DISTRIBUTION DE CAPTEURS EMPILES ET SYSTEME UTILISANT CELLE-CI**
[72] REYNOLDS, JEFFERY S., US
[72] PRAIS, EUGENE R., US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2016-12-07
[86] 2015-06-12 (PCT/US2015/035654)
[87] (WO2015/195487)
[30] US (62/014,429) 2014-06-19

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/78 (2006.01) C07C 51/12 (2006.01) C07C 51/48 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING OFFGASES IN A ACETIC ACID PRODUCTION UNIT**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE DEGAGEMENT GAZEUX DANS UNE UNITE DE PRODUCTION D'ACIDE ACETIQUE**
[72] BRISTOW, TIMOTHY CRISPIN, GB
[72] WILLIAMS, PAUL DAVID, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2016-12-08
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[87] (WO2015/193328)
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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **CERAMIDES AND THEIR USE IN DIAGNOSING CVD**
[54] **CERAMIDES ET LEUR UTILISATION DANS LE DIAGNOSTIC DE MALADIES CARDIOVASCULAIRES**
[72] LAAKSONEN, REIJO, FI
[71] ZORA BIOSCIENCES OY, FI
[85] 2016-12-08
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCEDES POUR LA FABRICATION DE COMPOSES D'ARYLPIPERAZINE ALKYLEE ET D'ARYLPIPERIDINE ALKYLEE COMPRENANT DE NOUVEAUX INTERMEDIAIRES**
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[71] THETIS PHARMACEUTICALS LLC, US
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[71] W. L. GORE & ASSOCIATES, INC., US
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[72] BUCHHOLZ, SIGURD, DE
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[54] **COMPOSITIONS DE CATALYSEURS, LEURS PROCEDES DE PREPARATION, ET PROCEDES D'ALCOXYLATION D'ALCOOLS UTILISANT LESDITS CATALYSEURS**
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[72] MARINO, TERESA L., US
[72] CUTRER, SHANE F., US
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[54] **DISPOSITIF POUR LA DISTRIBUTION D'UNE MOUSSE DE POLYURETHANE RENFORCANT L'ISOLATION A L'INTERIEUR DE PROFILES UTILISES DANS DES PORTES, DES FENETRES ET DES APPLICATIONS APPARENTEES**
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[54] **SYSTEME D'ELIMINATION ET DE TRANSPORT DE SEL DESTINE A ETRE UTILISE DANS UN PROCEDE DE RECUPERATION DE MONOETHYLENEGLYCOL (MEG)**
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[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE UNIVERSEL EXPRIMANT DES CELLULES IMMUNO-COMPETENTES POUR LE CIBLAGE DE DIVERS ANTIGENES MULTIPLES ET SON PROCEDE DE FABRICATION ET SON UTILISATION POUR LE TRAITEMENT DU CANCER, DES INFECTIONS ET DES TROUBLES AUTO-IMMUNS**
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[54] **PRODUCTION D'UN MATERIAU D'OXYDE DE LITHIUM-MANGANESE-NICKEL-COBALT STRATIFIE**
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[72] JAFTA, CHARL JEREMY, ZA
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[54] **PROCEDE DE PURIFICATION DE PEROXYDE D'HYDROGENE ET SOLUTION DE PEROXYDE D'HYDROGENE**
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[72] REQUIEME, BENOIT, FR
[72] JAUFFRET, MICHEL, FR
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[72] FATHALIZADEH, AIDIN, US
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[72] FELIX, LARRY G., US
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[72] MATTHEW, SUSAN, US
[72] FLETCHER, JOSH, US
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[54] **APPAREILS ET METHODES DE LOCALISATION A L'INTERIEUR D'UN TROU DE FORAGE**
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[72] FISCHL, REGINA, DE
[72] MITTERMAIER, STEPHANIE, DE
[72] ZACHERL, CHRISTIAN, DE
[72] TOELSTEDE, SIMONE, DE
[72] JACOBS, DOROTHEE, DE
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[54] **RECUPERATION DE PROTEINES**
[72] MODINGER, JULIO ENRIQUE TRAUB, GB
[72] WHITE, JANE SAMANTHA, GB
[72] MASKELL, DAWN LOUISE, GB
[72] HARPER, ALAN JOHN, GB
[72] HUGHES, PAUL SHANE, GB
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[54] **PROCEDE PERMETTANT DE RETROUVER DES POSITIONS ASSOCIEES DE BASES D'UNE LECTURE SUR UN GENOME DE REFERENCE**
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[72] HILL, DALE, US
[71] ADM ALLIANCE NUTRITION, INC., US
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[72] BECKER, STEFAN, DE
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[54] **METHODES ET COMPOSITIONS UTILISANT UNE TRANSPOSITION UNILATERALE**
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[72] FISHER, JEFFREY S., US
[72] GUNDERSON, KEVIN L., US
[72] AMINI, SASAN, US
[72] GLOECKNER, CHRISTIAN, DE
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[54] **CONCENTRES DE BOISSONS A BASE DE CAFE ET DE THE A FAIBLE TENEUR EN EAU, ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] RAGNARSSON, KARL, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **SYSTEME ET PROCEDE DE REGENERATION D'UN LIT D'ABSORBANT POUR LE SECHAGE D'HYDROGENE HUMIDIFIE COMPRIME**
[72] VANZANDT, KYLE, US
[72] GORDON, BRYAN, US
[71] NUVERA FUEL CELLS, LLC, US
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[54] **PROCEDE DE FORMATION D'UN MATERIAU A BASE DE GRAPHENE ET PRODUIT ASSOCIE**
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[72] LUONG, NGUYEN DANG, FI
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[54] **PRODUIT D'AILE DE DINDE CUITE**
[72] ACOSTA, SHANE M., US
[72] HUFFER, NICOLE A., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING PLANT GROWTH AND YIELD**
[54] **L'INVENTION CONCERNE DES COMPOSITIONS ET DES METHODES POUR AUGMENTER LA CROISSANCE ET LE RENDEMENT DE PLANTES**
[72] BRUTNELL, THOMAS P., US
[72] GRAY, BENJAMIN N., US
[72] MOCKLER, TODD C., US
[72] WANG, LIN, US
[71] BENSON HILL BIOSYSTEMS, INC., US
[85] 2017-01-03
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[25] EN
[54] **MEANS AND METHODS TO INCREASE PLANT YIELD**
[54] **MOYENS ET PROCEDES D'AUGMENTATION DU RENDEMENT DE PLANTE**
[72] INZE, DIRK GUSTAAF, BE
[72] GOOSSENS, ALAIN, BE
[72] GONZALEZ, NATHALIE, BE
[72] PAUWELS, LAURENS, BE
[72] BAEKELANDT, ALEXANDRA, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
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[25] EN
[54] **SURGICAL KIT FOR CARTILAGE REPAIR COMPRISING IMPLANT AND A SET OF TOOLS**
[54] **KIT CHIRURGICAL POUR REPARATION DE CARTILAGE COMPRENANT UN IMPLANT ET ENSEMBLE D'OUTILS**
[72] BAKE, NINA, SE
[72] LILLIESTRALE, RICHARD, SE
[72] OTERO QUEVEDO, MANUEL, SE
[71] EPISURF IP-MANAGEMENT AB, SE
[85] 2017-01-04
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[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/95 (2013.01)**
[25] EN
[54] **RATCHET OPERATED VASCULAR INTERVENTION DEVICE DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE DISPOSITIF D'INTERVENTION VASCULAIRE ACTIONNE PAR CLIQUET**
[72] CUMMINS, SEAN, IE
[72] MCGRATH, DARACH, IE
[71] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2017-01-04
[86] 2015-08-06 (PCT/US2015/044040)
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[25] EN
[54] **POURABLE OIL-IN-WATER COOKING COMPOSITION**
[54] **COMPOSITION VERSABLE HUILE-DANS-L'EAU POUR LA CUISSON**
[72] HOGERVORST, WIM THEODORUS, NL
[72] VERDUYN, ALEXANDER, NL
[72] WIERSMA, JONNA ALEIDE, NL
[71] UNILEVER BCS LIMITED, GB
[85] 2017-01-05
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[25] FR
[54] **FACILITY FOR THAWING OR TEMPERING FROZEN FOOD PRODUCTS**
[54] **INSTALLATION DE DECONGELATION OU DE TEMPERAGE DE PRODUITS ALIMENTAIRES CONGELES**
[72] DEUMIER, FRANCOIS, FR
[72] CECILIA, FREDERIC, FR
[72] LONGO, PHILIPPE, FR
[71] LUTETIA, FR
[85] 2017-01-05
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[51] **Int.Cl. A61L 29/16 (2006.01) A61L 29/08 (2006.01) A61L 29/14 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COATING FORMING KINK RESISTANT FEATURE ON A VASCULAR ACCESS DEVICE**
[54] **REVETEMENT ANTIMICROBIEN FORMANT UN ELEMENT RESISTANT AU VRILLAGE SUR UN DISPOSITIF D'ACCES VASCULAIRE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SHEVGOOR, SIDDARTH K., US
[72] ADAMS, TONY FARNSWORTH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-01-05
[86] 2015-07-06 (PCT/US2015/039261)
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[51] **Int.Cl. H05B 6/64 (2006.01) B29C 35/10 (2006.01) H05B 6/70 (2006.01) H05B 6/78 (2006.01)**
[25] EN
[54] **WAVEGUIDE EXPOSURE CHAMBER FOR A MICROWAVE ENERGY APPLICATOR**
[54] **CHAMBRE D'EXPOSITION DE GUIDE D'ONDES POUR APPLICATEUR D'ENERGIE MICRO-ONDES**
[72] STAMATIOU, DIMITRI, US
[72] FU, THOMAS, US
[72] WASZKOWIAK, STEVE, US
[72] MCLEAN, DAVID, AU
[71] LBP MANUFACTURING LLC, US
[85] 2017-01-05
[86] 2015-08-14 (PCT/US2015/045299)
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[25] EN
[54] **OPERATING OR COMMAND ELEMENT - IN PARTICULAR, FOR THE FIELD OF HYGIENE**
[54] **ELEMENT DE COMMANDE OU D'INSTRUCTION NOTAMMENT DANS DOMAINE DE L'HYGIENE**
[72] FREYERMUTH, THOMAS, DE
[72] SANAN, DEEPAK, DE
[72] BORNECK, MATHIAS, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE
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[25] EN
[54] **MOUNTING SYSTEM AND METHOD FOR NIGHT VISION TUBES**
[54] **SYSTEME ET PROCEDE DE MONTAGE POUR TUBES DE VISION NOCTURNE**
[72] MCCREIGHT, ROBERT JOSEPH, JR., US
[71] BURLE TECHNOLOGIES, LLC, US
[85] 2017-01-12
[86] 2015-07-08 (PCT/US2015/039588)
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[51] **Int.Cl. H02K 1/20 (2006.01) H02K 1/16 (2006.01) H02K 3/24 (2006.01) H02K 9/22 (2006.01)**
[25] EN
[54] **SYNCHRONOUS GENERATOR, IN PARTICULAR MULTIPOLE SYNCHRONOUS ANNULAR GENERATOR OF A DIRECT-DRIVE WIND TURBINE, AND WIND TURBINE HAVING THE SAME**
[54] **GENERATEUR SYNCHRONE, EN PARTICULIER UN GENERATEUR ANNULAIRE SYNCHRONE MULTIPOLE D'UNE EOLIENNE A ENTRAINEMENT DIRECT, ET UNE EOLIENNE COMPORTANT LEDIT GENERATEUR**
[72] ROER, JOCHEN, DE
[72] MIDDELSTADT, FALK, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-01-13
[86] 2015-07-20 (PCT/EP2015/066569)
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED PERFORMANCE OF FLUIDIC AND MICROFLUIDIC SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR UNE PERFORMANCE AMELIOREE DE SYSTEMES FLUIDIQUES ET MICROFLUIDIQUES**
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] SLIZ, JOSIAH, US
[72] LEVNER, DANIEL, US
[72] THOMPSON, GUY, US
[72] GEISLER, HUBERT, FR
[72] FERNANDEZ-ALCON, JOSE, US
[72] INGBER, DONALD E., US
[71] PRESIDENT AND FELLOWS OF HAVARD COLLEGE, US
[71] HINOJOSA, CHRISTOPHER DAVID, US
[71] SLIZ, JOSIAH, US
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[71] GEISLER, HUBERT, FR
[71] FERNANDEZ-ALCON, JOSE, US
[71] INGBER, DONALD E., US
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[51] **Int.Cl. B30B 11/20 (2006.01) B30B 15/00 (2006.01) C21D 1/02 (2006.01) C21B 13/00 (2006.01)**
[25] EN
[54] **HOT-BRIQUETTING INSTALLATION**
[54] **INSTALLATION DE BRIQUETAGE A CHAUD**
[72] SCHAFER, CHRISTOPHER, DE
[72] DE WELDIGE, EGGERT, DE
[71] MASCHINENFABRIK KOPPERN GMBH & CO. KG, DE
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[30] DE (10 2014 111 906.1) 2014-08-20

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[51] **Int.Cl. C08L 91/06 (2006.01) C08L 101/02 (2006.01) D21H 17/60 (2006.01) D21H 19/18 (2006.01)**
[25] EN
[54] **WAX COATING COMPOSITION FOR CELLULOSIC SURFACES**
[54] **COMPOSITION DE REVETEMENT A BASE DE CIRE POUR SURFACES CELLULOSIQUES**
[72] AGRAWAL, SARVESH K., US
[72] HOCH, LARRY E., US
[72] NADASDI, TODD T., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2017-01-16
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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01)**
[25] EN
[54] **DISCRETE WELLBORE DEVICES, HYDROCARBON WELLS INCLUDING A DOWNHOLE COMMUNICATION NETWORK AND THE DISCRETE WELLBORE DEVICES AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **DISPOSITIFS DE PUITS DE FORAGE INDIVIDUELS, PUITS D'HYDROCARBURES COMPRENANT UN RESEAU DE COMMUNICATION DE FOND DE TROU ET LES DISPOSITIFS DE PUITS DE FORAGE INDIVIDUELS, AINSI QUE SYSTEMES ET PROCEDES COMPRENANT CEUX-CI**
[72] MORROW, TIMOTHY I., US
[72] ANGELES BOZA, RENZO M., US
[72] DALE, BRUCE A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-01-16
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[51] **Int.Cl. A24D 1/10 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **SLIDEABLE EXTINGUISHER**
[54] **EXTINCTEUR COULISSANT**
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, CH
[72] JOCHNOWITZ, EVAN, CH
[72] KOLYRIS, ANGELOS, CH
[72] FERNANDO, KEETHAN DASNAVIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. A24F 47/00 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **SWITCH FAILURE MONITORING IN AN ELECTRICALLY HEATED SMOKING SYSTEM**
[54] **CONTROLE DE DEFAILLANCE DE COMMUTATEUR DANS UN SYSTEME POUR FUMEURS CHAUFFE ELECTRIQUEMENT**
[72] BERNAUER, DOMINIQUE, CH
[72] FERNANDO, FELIX, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-17
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[25] EN
[54] **METHOD AND SYSTEM FOR CONFIGURING ELECTRICAL CONTACTS IN ELECTRICAL DEVICE**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE CONTACTS ELECTRIQUES DANS UN DISPOSITIF ELECTRIQUE**
[72] HOLZHERR, RAPHAEL, CH
[72] KENG, KANG LIAT, SG
[72] GRZAN, JOHNNY LUKE, SG
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. H01R 29/00 (2006.01) A24F 47/00 (2006.01) H01R 13/703 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIGURING ELECTRICAL CONTACTS IN ELECTRICAL DEVICE**
[54] **SYSTEME ET PROCEDE DE CONFIGURATION DE CONTACTS ELECTRIQUES DANS UN DISPOSITIF ELECTRIQUE**
[72] HOLZHERR, RAPHAEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-17
[86] 2015-10-13 (PCT/EP2015/073714)
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[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/04 (2006.01) A61P 1/00 (2006.01) C07K 7/00 (2006.01) C07K 14/54 (2006.01) C12N 15/11 (2006.01) C12N 15/24 (2006.01) C12Q 1/00 (2006.01) C07K 14/715 (2006.01)**
[25] EN
[54] **ORAL PEPTIDE INHIBITORS OF INTERLEUKIN-23 RECEPTOR AND THEIR USE TO TREAT INFLAMMATORY BOWEL DISEASES**
[54] **PEPTIDES INHIBITEURS PAR VOIE ORALE DU RECEPTEUR DE L'INTERLEUKINE-23 ET LEUR UTILISATION DANS LE TRAITEMENT DES MALADIES INFLAMMATOIRES DE L'INTESTIN**
[72] BOURNE, GREGORY, AU
[72] BHANDARI, ASHOK, US
[72] CHENG, XIAOLI, US
[72] FREDERICK, BRIAN TROY, US
[72] ZHANG, JIE, AU
[72] PATEL, DINESH V., US
[72] LIU, DAVID, US
[71] PROTAGONIST THERAPEUTICS, INC., US
[85] 2017-01-17
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[30] US (62/025,899) 2014-07-17
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[51] **Int.Cl. C09K 3/00 (2006.01) A62D 1/00 (2006.01) B01F 1/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01) H01B 3/22 (2006.01)**
[25] EN
[54] **AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF HFO-E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE AND USES THEREOF**
[54] **COMPOSITIONS AZEOTROPIQUES ET DE TYPE AZEOTROPE DE HFO-E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE ET LEURS UTILISATIONS**
[72] ROBIN, MARK L., US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2017-01-17
[86] 2015-07-23 (PCT/US2015/041666)
[87] (WO2016/025138)
[30] US (62/036,200) 2014-08-12

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[51] **Int.Cl. A41D 20/00 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **HEADBAND COMFORT AND FIT ADJUSTMENT MECHANISMS**
[54] **MECANISMES DE REGLAGE DE CONFORT ET DE SERRAGE DE SERRE-TETE**
[72] BOSVELD, PAUL, US
[72] FRANK, PHILIP ANDREW, US
[72] JENTZ, HENRIC, US
[72] DENHEZ, NICOLAS, US
[72] HOSLER, TRAVIS JUSTIN, US
[72] TAZBAZ, ERROL MARK, US
[72] ADAMS, ADITHA MAY, US
[72] DIETER, WILLIAM, US
[72] QUAY, SIMON, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-01-17
[86] 2015-08-13 (PCT/US2015/044945)
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[30] US (14/463,902) 2014-08-20

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[13] A1
[51] **Int.Cl. A24B 15/14 (2006.01) A24B 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HOMOGENIZED TOBACCO MATERIAL**
[54] **PROCEDE POUR LA PRODUCTION DE MATIERE A BASE DE TABAC HOMOGENEISEE**
[72] KLIPFEL, YORICK, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] DOYLE, MICHAEL ELLIOTT, US
[72] MANZUR BEDOYA, JUAN DAVID, CH
[72] RAUSIS, PASCAL, CH
[72] JARRIAULT, MARINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-18
[86] 2015-09-09 (PCT/EP2015/070654)
[87] (WO2016/050470)
[30] EP (14187202.8) 2014-09-30

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[51] **Int.Cl. A24B 3/14 (2006.01) A24B 3/08 (2006.01) A24B 7/00 (2006.01) A24B 15/28 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF HOMOGENIZED TOBACCO MATERIAL**
[54] **PROCEDE POUR LA PRODUCTION D'UN PRODUIT A BASE DE TABAC HOMOGENEISE**
[72] KLIPFEL, YORICK, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] DOYLE, MICHAEL ELLIOTT, US
[72] MANZUR BEDOYA, JUAN DAVID, CH
[72] RAUSIS, PASCAL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-18
[86] 2015-09-09 (PCT/EP2015/070653)
[87] (WO2016/050469)
[30] EP (14187201.0) 2014-09-30

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[13] A1
[51] **Int.Cl. A24B 3/14 (2006.01) A24B 15/14 (2006.01)**
[25] EN
[54] **HOMOGENIZED TOBACCO MATERIAL AND METHOD OF PRODUCTION OF HOMOGENIZED TOBACCO MATERIAL**
[54] **SUBSTANCE DE TABAC HOMOGENEISEE ET PROCEDE DE PRODUCTION DE SUBSTANCE DE TABAC HOMOGENEISEE**
[72] KLIPFEL, YORICK, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] DOYLE, MICHAEL ELLIOTT, US
[72] MANZUR BEDOYA, JUAN DAVID, CH
[72] RAUSIS, PASCAL, CH
[72] JARRIAULT, MARINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-18
[86] 2015-09-09 (PCT/EP2015/070655)
[87] (WO2016/050471)
[30] EP (14187203.6) 2014-09-30

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[13] A1
[51] **Int.Cl. A24B 3/14 (2006.01) A24B 3/08 (2006.01) A24B 15/10 (2006.01) A24B 15/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HOMOGENIZED TOBACCO MATERIAL, AND HOMOGENIZED TOBACCO MATERIAL**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU DE TABAC HOMOGENEISE, ET MATERIAU DE TABAC HOMOGENEISE**
[72] KLIPFEL, YORICK, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] DOYLE, MICHAEL ELLIOTT, US
[72] MANZUR BEDOYA, JUAN DAVID, CH
[72] RAUSIS, PASCAL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-18
[86] 2015-09-09 (PCT/EP2015/070656)
[87] (WO2016/050472)
[30] EP (14187204.4) 2014-09-30

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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A01H 17/00 (2006.01) A01N 25/30 (2006.01) A01N 63/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **PLANT INOCULATION METHOD**
[54] **PROCEDE D'INOCULATION DE PLANTE**
[72] DENT, DAVID, GB
[72] CLARKE, IAN, GB
[71] AZOTIC TECHNOLOGIES LTD, GB
[85] 2017-01-19
[86] 2015-07-28 (PCT/GB2015/052170)
[87] (WO2016/016629)
[30] GB (1413333.4) 2014-07-28

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[13] A1
[51] **Int.Cl. B24B 7/22 (2006.01) B24B 7/06 (2006.01) B24B 41/047 (2006.01)**
[25] EN
[54] **METHOD FOR SMOOTHING AND/OR POLISHING SLABS OF STONE OR STONE-LIKE MATERIAL**
[54] **PROCEDE DE LISSAGE ET/OU POLISSAGE DE DALLES DE PIERRE OU DE MATERIAU SIMILAIRE A DE LA PIERRE**
[72] TONCELLI, LUCA, IT
[71] TONCELLI, LUCA, IT
[85] 2017-01-19
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[51] **Int.Cl. B60S 5/00 (2006.01) B60L 11/18 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **VEHICLE CHARGING STATION COMPRISING A SUPPLY-CONTACT DEVICE MOUNTED ON AN ARM**
[54] **STATION DE CHARGE DE VEHICULE AVEC UN DISPOSITIF DE CONTACT D'ALIMENTATION MONTE SUR UNE POTENCE**
[72] BUHS, FLORIAN, DE
[72] ROMPE, ANDRE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-20
[86] 2015-06-23 (PCT/EP2015/064067)
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[30] AT (A 50509/2014) 2014-07-23

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[25] EN
[54] **VEHICLE CHARGING STATION COMPRISING A TWO-MEMBERED MANIPULATOR**
[54] **STATION DE CHARGE DE VEHICULE AVEC UN MANIPULATEUR A DEUX ELEMENTS**
[72] BUHS, FLORIAN, DE
[72] LASKE, ANDREAS, DE
[72] ROMPE, ANDRE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-20
[86] 2015-06-24 (PCT/EP2015/064255)
[87] (WO2016/012184)
[30] AT (A50510/2014) 2014-07-23

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[13] A1
[51] **Int.Cl. F16D 65/08 (2006.01) F16D 69/00 (2006.01)**
[25] EN
[54] **DRUM BRAKE**
[54] **FREIN A TAMBOUR**
[72] DREWES, OLAF, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2017-01-20
[86] 2015-07-17 (PCT/EP2015/066410)
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[30] DE (102014214517.1) 2014-07-24

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[51] **Int.Cl. B60S 5/00 (2006.01) B60L 11/18 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **VEHICLE CHARGING STATION WITH AN ARTICULATED ARM**
[54] **STATION DE CHARGE DE VEHICULE AVEC UN BRAS ARTICULE**
[72] BUHS, FLORIAN, DE
[72] ENENKEL, PETER, DE
[72] FRANCKE, JURGEN, DE
[72] ROMPE, ANDRE, DE
[72] VOSS, FRANK, DE
[72] LASKE, ANDREAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[86] 2015-06-23 (PCT/EP2015/064079)
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[25] EN
[54] **SYSTEM AND METHOD FOR DISSOLVING DETERGENT TABLETS OR GRANULATE**
[54] **SYSTEME ET PROCEDE PERMETTANT LA DISSOLUTION DE PASTILLES OU DE GRANULES DE DETERGENT**
[72] VESTERAGER, NIELS OLE, DE
[71] GRAFF PEHRSON VESTERAGER GMBH, DE
[85] 2017-01-20
[86] 2015-08-06 (PCT/EP2015/068165)
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[51] **Int.Cl. A61M 1/36 (2006.01) B04B 5/04 (2006.01) B04B 13/00 (2006.01)**
[25] EN
[54] **CENTRIFUGE AND METHOD OF CENTRIFUGING A BLOOD SAMPLE**
[54] **CENTRIFUGEUSE ET PROCEDE DE CENTRIFUGATION D'UN ECHANTILLON DE SANG**
[72] LUNDQUIST, RASMUS, DK
[72] HOLM, NIELS ERIK, DK
[71] REAPPLIX APS, DK
[85] 2017-01-20
[86] 2015-08-19 (PCT/EP2015/069067)
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[25] EN
[54] **COMPOSITION FOR THE PROTECTION OF AN ARTICLE AGAINST CORROSION**
[54] **COMPOSITION POUR LA PROTECTION D'UN ARTICLE CONTRE LA CORROSION**
[72] DODDEMA, JAN FREDERIK, NL
[72] ABELING, JACOBUS JOHANNES, NL
[71] FRANS NOOREN AFDICHTINGSSYSTEMEN B.V., NL
[85] 2017-01-20
[86] 2015-08-19 (PCT/NL2015/050582)
[87] (WO2016/028148)
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[51] **Int.Cl. A45F 3/06 (2006.01) A41D 13/00 (2006.01) A45F 3/08 (2006.01) A45F 5/02 (2006.01) F41C 33/04 (2006.01)**
[25] EN
[54] **HEXAGONAL ATTACHMENT SYSTEM**
[54] **SYSTEME DE FIXATION HEXAGONAL**
[72] ALCANTRA, CRES TRILLES, US
[72] AGUILAR, FERNANDO CALDERON, US
[72] LAMBERT, SCOTT MICHAEL, US
[71] 5.11, INC., US
[85] 2017-01-20
[86] 2015-08-06 (PCT/US2015/044072)
[87] (WO2016/022838)
[30] US (14/454,641) 2014-08-07

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/09 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **ELECTRODE NEGATIVE PULSE WELDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOUDAGE PAR IMPULSIONS A ELECTRODE NEGATIVE**
[72] MARSCHKE, BRYAN DUSTIN, US
[72] D'ARCY, AMANDA JEAN, US
[72] LEITERITZ, NATHAN GERALD, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-01-20
[86] 2015-08-18 (PCT/US2015/045715)
[87] (WO2016/043904)
[30] US (14/489,227) 2014-09-17

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[51] **Int.Cl. B24B 9/14 (2006.01) B24B 1/00 (2006.01) B24B 49/12 (2006.01) G02C 13/00 (2006.01)**
[25] FR
[54] **METHOD FOR WORKING OUT SETTINGS FOR EDGING AN OPTICAL LENS**
[54] **PROCEDE D'ELABORATION D'UNE CONSIGNE DE DETOURAGE D'UNE LENTILLE OPTIQUE**
[72] ANATOLE, VINCENT, FR
[72] SILEO, CEDRIC, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2017-01-23
[86] 2015-07-23 (PCT/FR2015/052033)
[87] (WO2016/012721)
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[13] A1
[51] **Int.Cl. C03B 23/03 (2006.01)**
[25] EN
[54] **TOOL FOR A GLASS BENDING PROCESS**
[54] **OUTIL POUR UN PROCESSUS DE BOMBAGE DE VERRE**
[72] BALDUIN, MICHAEL, DE
[72] LE NY, JEAN-MARIE, DE
[72] SCHALL, GUNTHER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-01-23
[86] 2015-09-08 (PCT/EP2015/070430)
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[30] EP (14190619.8) 2014-10-28

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[51] **Int.Cl. B23Q 3/15 (2006.01) F16C 29/00 (2006.01) F16C 29/06 (2006.01) F16C 33/64 (2006.01)**
[25] EN
[54] **COMPOUND LINEAR GUIDE HAVING A FASTENING MEANS**
[54] **GUIDAGE LINEAIRE COMPOSITE POURVU DE MOYENS DE FIXATION**
[72] GREINER, HEINZ, DE
[71] WEISS GMBH, DE
[85] 2017-01-23
[86] 2015-12-16 (PCT/EP2015/079994)
[87] (WO2016/096987)
[30] DE (10 2014 119 113.7) 2014-12-18

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[51] **Int.Cl. C11D 3/386 (2006.01)**
[25] EN
[54] **METHOD OF LAUNDERING A FABRIC**
[54] **PROCEDE DE LAVAGE D'UN TISSU**
[72] LANT, NEIL JOSEPH, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[72] PATTERSON, STEVEN GEORGE, GB
[72] FULLER, LINSEY SARAH, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-13 (PCT/US2015/045052)
[87] (WO2016/028599)
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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING A CATIONIC POLYMER**
[54] **COMPOSITION DETERGENTE COMPRENANT UN POLYMERE CATIONIQUE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] SIVIK, MARK ROBERT, US
[72] FOSSUM, RENAE DIANNA, US
[72] BIRKEL, SUSANNE, DE
[72] VETTER, NICHOLAS DAVID, US
[72] DORIA, HEATHER ANNE, US
[72] BARRERA, CAROLA, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-25 (PCT/US2015/046627)
[87] (WO2016/032991)
[30] US (62/042,351) 2014-08-27

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[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR COMPONENT FOR GROUND ENGAGING TOOL**
[54] **COMPOSANT D'USURE POUR OUTIL EN CONTACT AVEC LE SOL**
[72] CONGDON, THOMAS MARSHALL, JR., US
[72] MAGULURU, MADHUKAR, US
[72] BIGGS, NICK WILLIAM, US
[71] CATERPILLAR INC., US
[85] 2017-01-23
[86] 2015-07-10 (PCT/US2015/039978)
[87] (WO2016/018588)
[30] US (14/445,845) 2014-07-29

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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING A CATIONIC POLYMER**
[54] **COMPOSITION DE DETERGENT COMPRENANT UN POLYMERE CATIONIQUE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] SIVIK, MARK ROBERT, US
[72] FOSSUM, RENAE DIANNA, US
[72] BIRKEL, SUSANNE, DE
[72] VETTER, NICHOLAS DAVID, US
[72] DORIA, HEATHER ANNE, US
[72] BARRERA, CAROLA, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-25 (PCT/US2015/046628)
[87] (WO2016/032992)
[30] US (62/042,354) 2014-08-27

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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING A CATIONIC POLYMER**
[54] **COMPOSITION DETERGENTE COMPRENANT UN POLYMERE CATIONIQUE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] SIVIK, MARK ROBERT, US
[72] FOSSUM, RENAE DIANNA, US
[72] BIRKEL, SUSANNE, DE
[72] VETTER, NICHOLAS DAVID, US
[72] DORIA, HEATHER ANNE, US
[72] BARRERA, CAROLA, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-25 (PCT/US2015/046629)
[87] (WO2016/032993)
[30] US (62/042,360) 2014-08-27

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[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING A CATIONIC POLYMER**
[54] **COMPOSITION DE DETERGENT COMPRENANT UN POLYMERE CATIONIQUE**
[72] FOSSUM, RENAE DIANNA, US
[72] VETTER, NICHOLAS DAVID, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] BARRERA, CAROLA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-25 (PCT/US2015/046630)
[87] (WO2016/032994)
[30] US (62/042,366) 2014-08-27

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[51] **Int.Cl. C11D 1/83 (2006.01) B08B 3/08 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01) D06B 1/00 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **METHOD OF TREATING A FABRIC**
[54] **PROCEDE DE TRAITEMENT D'UN TISSU**
[72] FOSSUM, RENAE DIANNA, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] SIVIK, MARK ROBERT, US
[72] BIRKEL, SUSANNE, DE
[72] VETTER, NICHOLAS DAVID, US
[72] DORIA, HEATHER ANNE, US
[72] BARRERA, CAROLA, US
[72] AGUILERA-MERCADO, BERNARDO M., US
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-23
[86] 2015-08-25 (PCT/US2015/046631)
[87] (WO2016/032995)
[30] US (62/042,372) 2014-08-27

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[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/02 (2006.01) F16L 13/14 (2006.01)**
[25] EN
[54] **PIPE COUPLING MAKE UP ASSEMBLY**
[54] **ENSEMBLE CONSTITUANT UN RACCORD DE TUYAUX**
[72] LEDINGHAM, MICHAEL, GB
[72] MARTIN, DAVID GLEN, GB
[71] MORPHPACKERS LTD., GB
[85] 2017-01-24
[86] 2015-08-03 (PCT/GB2015/052238)
[87] (WO2016/020658)
[30] GB (1413734.3) 2014-08-03

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[13] A1
[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01) E21C 35/00 (2006.01)**
[25] EN
[54] **WEAR COMPONENT FOR GROUND ENGAGING TOOL**
[54] **ELEMENT D'USURE POUR OUTIL DE MISE EN PRISE AVEC LE SOL**
[72] CONGDON, THOMAS MARSHALL, JR., US
[72] MAGULURU, MADHUKAR, US
[72] BIGGS, NICK WILLIAM, US
[71] CATERPILLAR INC., US
[85] 2017-01-24
[86] 2015-07-10 (PCT/US2015/039988)
[87] (WO2016/018589)
[30] US (14/446,095) 2014-07-29

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[13] A1
[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **IMPLEMENT WEAR MEMBER**
[54] **ELEMENT D'USURE D'OUTIL**
[72] CONGDON, THOMAS MARSHALL, JR., US
[71] CATERPILLAR INC., US
[85] 2017-01-24
[86] 2015-07-10 (PCT/US2015/040005)
[87] (WO2016/018591)
[30] US (14/445,844) 2014-07-29

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[13] A1
[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01) E21C 35/00 (2006.01)**
[25] EN
[54] **IMPLEMENT WEAR MEMBER WITH WEAR INDICATOR**
[54] **ELEMENT D'USURE D'OUTIL AYANT UN INDICATEUR D'USURE**
[72] CONGDON, THOMAS MARSHALL, JR., US
[71] CATERPILLAR INC., US
[85] 2017-01-24
[86] 2015-07-10 (PCT/US2015/039997)
[87] (WO2016/018590)
[30] US (14/445,819) 2014-07-29

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[51] **Int.Cl. E02F 3/815 (2006.01) E02F 9/28 (2006.01) E21C 35/00 (2006.01)**
[25] EN
[54] **IMPLEMENT END BIT WEAR MEMBER**
[54] **ELEMENT D'USURE D'EMBOUT D'OUTIL**
[72] CONGDON, THOMAS MARSHALL, JR., US
[71] CATERPILLAR INC., US
[85] 2017-01-24
[86] 2015-07-13 (PCT/US2015/040091)
[87] (WO2016/018594)
[30] US (14/445,860) 2014-07-29

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/815 (2006.01)**
[25] EN
[54] **IMPLEMENT CUTTING EDGE WEAR MEMBER**
[54] **ELEMENT D'USURE DE TRANCHANT D'ACCESSOIRE**
[72] CONGDON, THOMAS MARSHALL, JR., US
[71] CATERPILLAR INC., US
[85] 2017-01-24
[86] 2015-07-13 (PCT/US2015/040092)
[87] (WO2016/018595)
[30] US (14/445,883) 2014-07-29

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[13] A1
[51] **Int.Cl. F24F 6/14 (2006.01) C02F 1/32 (2006.01) F24F 6/12 (2006.01) F24F 7/007 (2006.01) F24F 11/00 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **HUMIDIFYING APPARATUS**
[54] **APPAREIL D'HUMIDIFICATION**
[72] DARVILL, WILLIAM JOHN, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-01-25
[86] 2015-07-23 (PCT/GB2015/052131)
[87] (WO2016/016613)
[30] GB (1413423.3) 2014-07-29

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[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 25/06 (2006.01) F04D 29/54 (2006.01) F04F 5/16 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] BEAVIS, DANIEL JAMES, GB
[72] MOGRIDGE, THOMAS RICHARD, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-01-25
[86] 2015-07-23 (PCT/GB2015/052133)
[87] (WO2016/016615)
[30] GB (1413427.4) 2014-07-29

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[13] A1
[51] **Int.Cl. F24F 6/14 (2006.01) C02F 1/32 (2006.01) F24F 6/12 (2006.01) F24F 7/007 (2006.01) F24F 11/00 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **HUMIDIFYING APPARATUS**
[54] **APPAREIL D'HUMIDIFICATION**
[72] STANIFORTH, MARK JOSEPH, GB
[72] PULLEN, JUDE PAUL, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-01-25
[86] 2015-07-23 (PCT/GB2015/052134)
[87] (WO2016/016616)
[30] GB (1413428.2) 2014-07-29

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01)**
[25] EN
[54] **A METHOD FOR GENERATING A MONITORING SIGNAL USING A SUPERVISING ENTITY OR SAFETY MODULE**
[54] **PROCEDE DESTINE A LA GENERATION D'UN SIGNAL DE SURVEILLANCE A L'AIDE D'UNE ENTITE DE SUPERVISION OU D'UN MODULE DE SECURITE**
[72] FRIEDLI, KURT, DE
[72] SCHMITZ, RALF, DE
[72] SCHWENKER, KAI-OLIVER, DE
[72] EISSENLOEFFEL, THOMAS, DE
[72] MUEGLITZ, CARSTEN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-01-25
[86] 2015-09-11 (PCT/EP2015/070847)
[87] (WO2016/041863)
[30] EP (14184795.4) 2014-09-15

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[13] A1
[51] **Int.Cl. C08G 69/28 (2006.01) C08G 69/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING NYLON SALT AND ITS POLYMERIZATION**
[54] **PROCEDE DE PREPARATION DE SEL DE NYLON ET SA POLYMERISATION**
[72] VAN LAARHOVEN, BAS, NL
[72] GROLMAN, ERIC, NL
[72] MUYRIS, MICHIEL, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-01-25
[86] 2015-07-24 (PCT/EP2015/066980)
[87] (WO2016/016115)
[30] EP (14178953.7) 2014-07-29

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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 9/107 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 47/06 (2006.01) A61P 37/04 (2006.01) C07K 16/02 (2006.01)**
[25] EN
[54] **EMULSIFIED VACCINE TO OBTAIN FORMULATIONS OF CONCENTRATED IGY IMMUNOGLOBULINS; PROCESSES AND USES FOR THE SAME**
[54] **VACCIN EMULSIONNE POUR OBTENIR DES FORMULATIONS D'IMMUNOGLOBULINES IGY CONCENTREES, PROCEDES ET UTILISATIONS DE CELLES-CI**
[72] LUCIO DECANINI, EDUARDO, MX
[72] MORALES GARZON, JOSE ANDRES, MX
[71] INVESTIGACION APLICADA, S.A. DE C.V., MX
[85] 2017-01-25
[86] 2014-08-22 (PCT/IB2014/064028)
[87] (WO2016/027135)

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[13] A1
[51] **Int.Cl. B65B 3/32 (2006.01) B65B 3/12 (2006.01) B65B 37/06 (2006.01) B65B 37/20 (2006.01)**
[25] EN
[54] **METHOD FOR PACKAGING LIQUID OR PASTY PRODUCTS AND PACKAGING MACHINE SUITABLE FOR THIS PURPOSE**
[54] **PROCEDE D'EMBALLAGE DE PRODUITS LIQUIDES OU PATEUX ET MACHINE D'EMBALLAGE PREVUE A CET EFFET**
[72] FRANZ, MAIK, DE
[71] BENHIL GMBH, DE
[85] 2017-01-25
[86] 2015-07-29 (PCT/EP2015/001559)
[87] (WO2016/015861)
[30] DE (10 2014 011 075.3) 2014-07-30

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[54] **COMPOSITION ANTIMICROBIENNE SYNERGIQUE**
[72] SIANAWATI, EMERENTIANA, US
[72] SINGLETON, FREDDIE L., US
[72] NAIR, SUBHASH, AE
[71] DOW CHEMICAL IMEA GMBH, CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **COMPOSITIONS AND COATINGS WITH NON-CHROME CORROSION INHIBITOR PARTICLES**
[54] **COMPOSITIONS ET REVETEMENTS COMPRENANT DES PARTICULES INHIBITRICES DE CORROSION NE CONTENANT PAS DE CHROME**
[72] KINLEN, PATRICK J., US
[72] SCHULTZ, KAREN A., US
[72] KRIENKE, KENNETH A., US
[72] LAWLESS, LAWRENCE M., US
[72] SCHUETTE, WAYNIE M., US
[71] THE BOEING COMPANY, US
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[54] **METHOD OF GRINDING CEMENT CLINKER**
[54] **PROCEDE DE BROYAGE DE CLINKER**
[72] DIENEMANN, WOLFGANG, DE
[72] PANDEY, GIRISH, DE
[72] ROSANI, DIEGO, DE
[71] HEIDELBERGCEMENT AG, DE
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[25] EN
[54] **DEVICE FOR GENERATING A ROCKING MOVEMENT IN SUPPORTS FOR BABIES**
[54] **DISPOSITIF POUR GENERER UN MOUVEMENT DE BASCULE AU NIVEAU DE SUPPORTS POUR BEBES**
[72] LUGININ, VALERIY, DE
[71] LUGININ, VALERIY, DE
[85] 2017-01-26
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[25] EN
[54] **REWINDING MACHINE AND METHOD FOR PRODUCING LOGS OF WEB MATERIAL**
[54] **REBOBINEUSE ET PROCEDE DE PRODUCTION DE RONDINS DE MATERIAU EN BANDE**
[72] MORELLI, ROBERTO, IT
[72] MONTAGNANI, FRANCO, IT
[72] MADDALENI, ROMANO, IT
[71] FABIO PERINI S.P.A., IT
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[54] **SUSPENSION DEVICE OF AN AGRICULTURAL MACHINE**
[54] **DISPOSITIF D'ACCROCHAGE D'UNE MACHINE AGRICOLE**
[72] HORSCH, PHILIPP, DE
[71] HORSCH MASCHINEN GMBH, DE
[85] 2017-01-26
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[25] EN
[54] **METHOD OF MAKING A ROD FOR USE AS AN AEROSOL-FORMING SUBSTRATE HAVING CONTROLLED POROSITY DISTRIBUTION**
[54] **PROCEDE DE FABRICATION D'UN BATONNET A UTILISER COMME SUBSTRAT FORMANT AEROSOL AYANT UNE DISTRIBUTION DE POROSITE REGULEE**
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] JARRIAULT, MARINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-01-26
[86] 2015-08-12 (PCT/EP2015/068606)
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[25] EN
[54] **VERY LOW DENSITY POLYETHYLENE PRODUCED WITH SINGLE SITE CATALYST**
[54] **POLYETHYLENE TRES BASSE DENSITE PRODUIT AVEC UN CATALYSEUR A UN SEUL SITE**
[72] GOYAL, SHIVENDRA KUMAR, CA
[72] GILLON, BRONWYN HILARY, CA
[72] DOBBIN, CHRISTOPHER JOHN BROOKE, CA
[72] SALOMONS, STEPHEN, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[25] EN
[54] **SOLID CATALYST FOR THE (CO)POLYMERISATION OF .ALPHA.-OLEFINS AND PROCESS FOR THE PREPARATION THEREOF**
[54] **CATALYSEUR SOLIDE POUR LA POLYMERISATION OU COPOLYMERISATION D'.ALPHA.-OLEFINES ET SON PROCEDE DE PREPARATION**
[72] MASI, FRANCESCO, IT
[72] SOMMAZZI, ANNA, IT
[72] POLESELLO, MARIO, IT
[71] VERSALIS S.P.A., IT
[85] 2017-01-24
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[54] **FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES**
[72] LAMBERTH, CLEMENS, CH
[72] SULZER-MOSSE, SARAH, CH
[72] QUARANTA, LAURA, CH
[72] OOSTENDORP, MICHAEL, CH
[72] BLUM, MATHIAS, CH
[72] BEATTIE, DAVID, CH
[72] DE SIMONE, FILIPPO, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] FR
[54] **POUCH COMPRISING A SAFETY VALVE**
[54] **POCHE COMPORTANT UN CLAPET DE SECURITE**
[72] CAILLETEAU, BENOIT, CH
[71] M3AT SA, CH
[85] 2017-01-25
[86] 2015-07-29 (PCT/EP2015/067362)
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[51] **Int.Cl. F03D 1/06 (2006.01) C08J 5/12 (2006.01) F15D 1/10 (2006.01) F16B 11/00 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE PROVIDED WITH SURFACE MOUNTED DEVICE**
[54] **PALE D'EOLIENNE DOTEE D'UN DISPOSITIF MONTE EN SURFACE**
[72] LEHMANN MADSEN, KRISTIAN, DK
[72] HOEG, JESPER, DK
[72] KILDEGAARD, CASPER, DK
[72] HAUGE PEDERSEN, STEVEN, DK
[71] LM WP PATENT HOLDING A/S, DK
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[87] (WO2016/020431)
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[51] **Int.Cl. C08L 23/08 (2006.01)**
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[54] **NOVEL BIMODAL RESINS HAVING GOOD FILM PROCESSABILITY**
[54] **NOUVELLES RESINES BIMODALES AYANT UNE BONNE APTITUDE AU TRAITEMENT DE FILM**
[72] ST JEAN, GUYLAINE, US
[72] YANG, QING, US
[72] LANIER, JERRY T., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2017-01-26
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[25] EN
[54] **MICROBIOCIDES AND USES THEREOF**
[54] **MICROBIOCIDES ET UTILISATIONS DE CES DERNIERS**
[72] SUMRALL, THEODORE S., US
[72] MCNEEL, THOMAS E., US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[13] A1
[51] **Int.Cl. B01F 7/18 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01)**
[25] EN
[54] **IN-LINE DYNAMIC MIXING APPARATUS FOR FLOCCULATING AND DEWATERING OIL SANDS FINE TAILINGS**
[54] **APPAREIL DE MELANGE DYNAMIQUE EN LIGNE POUR LA FLOCULATION ET LA DESHYDRATATION DE RESIDUS FINS DE SABLES BITUMINEUX**
[72] GILLIS, PAUL A., US
[72] MOORE, JASON S., US
[72] SMITH, BILLY G., US
[72] CLOETER, MICHAEL D., US
[72] POINDEXTER, MICHAEL K., US
[72] KHAN, IRFAN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. B42D 25/305 (2014.01) B42D 25/40 (2014.01) G06K 19/06 (2006.01)**
[25] EN
[54] **GENERATING AN IDENTITY DOCUMENT WITH PERSONALIZATION DATA AND UNIQUE MACHINE DATA**
[54] **GENERATION D'UN DOCUMENT D'IDENTITE AVEC DES DONNEES DE PERSONNALISATION ET DES DONNEES DE MACHINE UNIQUE**
[72] JOYNES, MARK ANDREW, CA
[72] WETMORE, GREGORY JAMES, CA
[72] COULSON, GORDON WILLIAM, CA
[72] BOEYEN, SHARON MARIE, CA
[71] ENTRUST, INC., US
[85] 2017-01-26
[86] 2015-08-19 (PCT/US2015/045838)
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[30] US (62/039,147) 2014-08-19
[30] US (14/828,949) 2015-08-18

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[13] A1
[51] **Int.Cl. E01B 31/13 (2006.01)**
[25] EN
[54] **RAIL VEHICLE HAVING A DEVICE FOR FINISHING THE RUNNING SURFACE OF TRACK RAILS**
[54] **VEHICULE FERROVIAIRE COMPORTANT UN DISPOSITIF DE POST-TRAITEMENT DE LA SURFACE DE ROULEMENT DES VOIES FERREES**
[72] RUNGGER, HELMUT, AT
[71] MASCHINENFABRIK LIEZEN UND GIESSEREI GES.M.B.H., AT
[85] 2017-01-27
[86] 2015-07-28 (PCT/AT2015/050184)
[87] (WO2016/015078)
[30] AT (A50532/2014) 2014-07-29

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[13] A1
[51] **Int.Cl. A63C 11/22 (2006.01) A45B 9/02 (2006.01)**
[25] EN
[54] **POLE HANDLE WITH HANDLE LOOP**
[54] **POIGNEE DE CANNE COMPORTANT UNE DRAGONNE**
[72] KREIS, WLADIMIR, DE
[72] DOLL, CHRISTOPH, DE
[72] HEIM, EBERHARD, DE
[71] LEKISPORT AG, CH
[85] 2017-01-27
[86] 2015-09-04 (PCT/EP2015/070239)
[87] (WO2016/037940)
[30] CH (01358/14) 2014-09-09

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[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE DIRECTION OF FLUID FLOW THROUGH A DIALYSER**
[54] **DISPOSITIF DE DETECTION DU SENS DE L'ECOULEMENT DU LIQUIDE A TRAVERS UN DIALYSEUR**
[72] MAIERHOFER, ANDREAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2017-01-27
[86] 2015-07-20 (PCT/EP2015/066577)
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[51] **Int.Cl. E02B 5/02 (2006.01) E02B 3/12 (2006.01) E02B 3/16 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **METHOD, WATERPROOF LINER AND WATERPROOF PANELS FOR INSTALLATION IN BASINS AND CANALS**
[54] **PROCEDE, REVETEMENT IMPERMEABLE A L'EAU ET PANNEAUX IMPERMEABLES A L'EAU POUR INSTALLATION DANS DES BASSINS ET CANAUX**
[72] SCUERO, ALBERTO MARIA, NL
[71] CARPI TECH B.V., NL
[85] 2017-01-27
[86] 2015-07-30 (PCT/EP2015/067505)
[87] (WO2016/016367)
[30] IT (MI2014A001393) 2014-07-31

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[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ELECTRICALLY KILLING PLANTS**
[54] **APPAREIL ET PROCEDE DE DESTRUCTION ELECTRIQUE DES PLANTES**
[72] DIPROSE, MICHAEL FREDERIK, GB
[71] UBIQUTEK LTD, GB
[85] 2017-01-27
[86] 2015-07-27 (PCT/GB2015/052168)
[87] (WO2016/016627)
[30] GB (1413435.7) 2014-07-29
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[51] **Int.Cl. A01K 5/00 (2006.01) A01K 1/10 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **VEHICLE, SYSTEM AND METHOD FOR DISPLACING FEED**
[54] **VEHICULE, SYSTEME ET PROCEDE POUR DEPLACER UNE ALIMENTATION**
[72] VAN DEN BERG, KAREL, NL
[72] VAN PAASSEN, NICOLAAS JOHANNES WILHELMUS, NL
[71] LELY PATENT N.V., NL
[85] 2017-01-26
[86] 2015-06-24 (PCT/NL2015/050457)
[87] (WO2016/018141)
[30] NL (2013274) 2014-07-29

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[51] **Int.Cl. A01K 41/00 (2006.01) A01K 41/06 (2006.01)**
[25] EN
[54] **EGG TRAY FOR INCUBATING AND HATCHING EGGS**
[54] **PLATEAU A OEUFS POUR L'INCUBATION ET L'ECLOSION D'OEUFS**
[72] METER, TJITZE, NL
[71] HATCHTECH GROUP B.V., NL
[85] 2017-01-26
[86] 2015-07-31 (PCT/NL2015/050559)
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[30] NL (2013281) 2014-07-31

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[25] EN
[54] **BURNER FOR A COMBUSTION MACHINE, AND COMBUSTION MACHINE**
[54] **BRULEUR DESTINE A UNE MACHINE A COMBUSTION ET MACHINE A COMBUSTION**
[72] KLEINFELD, JENS, DE
[72] BECK, CHRISTIAN, DE
[72] BOTTCHER, ANDREAS, DE
[72] GRANDT, CHRISTOPHER, DE
[72] HAUSER, THOMAS, DE
[72] KRIEGER, TOBIAS, DE
[72] REICH, STEFAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[30] EP (14179137.6) 2014-07-30

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[51] **Int.Cl. A61N 1/04 (2006.01) A61B 90/11 (2016.01) A61B 5/04 (2006.01) A61B 5/0476 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **EQUIPMENT FOR APPLYING ACTIVE ELEMENTS TO THE SKULL OF A PATIENT**
[54] **EQUIPEMENT POUR L'APPLICATION D'ELEMENTS ACTIFS SUR LE CRANE D'UN PATIENT**
[72] NGUYEN, JEAN, FR
[71] JEAN-TIEN, FR
[85] 2017-01-26
[86] 2015-06-17 (PCT/FR2015/051602)
[87] (WO2016/016526)
[30] FR (1457365) 2014-07-30

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[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING STEEL SHEETS FOR PRESS HARDENING, AND PARTS OBTAINED BY MEANS OF THIS PROCESS**
[54] **PROCEDE DE FABRICATION DE TOLES D'ACIER POUR DURCISSEMENT SOUS PRESSE, ET PIECES OBTENUES PAR CE PROCEDE**
[72] COBO, SEBASTIAN, FR
[72] PUERTA VELASQUEZ, JUAN DAVID, FR
[72] BEAUVAIS, MARTIN, FR
[72] VINCI, CATHERINE, FR
[71] ARCELORMITTAL, LU
[85] 2017-01-26
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[87] (WO2016/016707)
[30] IB (PCT/IB2014/001428) 2014-07-30

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[51] **Int.Cl. C22C 38/38 (2006.01) C21D 9/46 (2006.01) C22C 38/02 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COATED STEEL SHEET HAVING IMPROVED STRENGTH, DUCTILITY AND FORMABILITY**
[54] **PROCEDE DE FABRICATION D'UNE TOLE D'ACIER REVETUE AYANT UNE RESISTANCE, UNE DUCTILITE ET UNE APTITUDE AU FORMAGE AMELIOREES**
[72] MASSE, JEAN-PHILIPPE, FR
[72] HELL, JEAN-CHRISTOPHE, FR
[71] ARCELORMITTAL, LU
[85] 2017-01-26
[86] 2015-08-07 (PCT/IB2015/056029)
[87] (WO2016/020899)
[30] IB (PCT/IB2014/001492) 2014-08-07

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[51] **Int.Cl. A61K 9/22 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **PULVERULENT, DIRECTLY COMPRESSIBLE POLYVINYL ALCOHOL GRADES**
[54] **TYPES DE POLYALCOOLS DE VINYLE PULVERULENTS APTES A LA COMPRESSION DIRECTE**
[72] OGNIBENE, ROBERTO, DE
[72] BAUER, FINN, DE
[72] WEDEL, THORSTEN, DE
[72] MODDELMOG, GUENTER, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-01-27
[86] 2015-07-03 (PCT/EP2015/001357)
[87] (WO2016/015814)
[30] EP (14002664.2) 2014-07-30

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[13] A1
[51] **Int.Cl. B65G 47/31 (2006.01) B65G 47/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONVEYING PIECE PRODUCTS**
[54] **PROCEDE ET DISPOSITIF DE TRANSPORT DE PRODUITS FRAGMENTES**
[72] HAMMACHER, HEINZ-PETER, DE
[72] HETZER, TOBIAS, DE
[71] LOESCH VERPACKUNGSTECHNIK GMBH, DE
[85] 2017-01-27
[86] 2015-07-28 (PCT/EP2015/067287)
[87] (WO2016/016250)
[30] DE (10 2014 215 106.6) 2014-07-31

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/454 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BRUTON'S TYROSINE KINASE INHIBITOR COMBINATIONS AND USES THEREOF**
[54] **COMBINAISONS D'INHIBITEURS DE TYROSINE KINASE DE BRUTON ET LEURS UTILISATIONS**
[72] BALASUBRAMANIAN, SRIRAM, US
[72] KUO, HSU-PING, US
[72] HSIEH, HSIN-KANG, US
[72] CHANG, BETTY, US
[72] XUE, LING, CN
[72] CHEUNG, LEO, US
[71] PHARMACYCLICS LLC, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2017-01-26
[86] 2015-08-06 (PCT/US2015/044095)
[87] (WO2016/022853)
[30] US (62/034,997) 2014-08-08
[30] US (62/082,972) 2014-11-21
[30] US (62/086,162) 2014-12-01
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[51] **Int.Cl. B26B 21/60 (2006.01) C23C 30/00 (2006.01)**
[25] EN
[54] **RAZOR BLADE COATING**
[54] **REVETEMENT DE LAME DE RASOIR**
[72] LOGOTHETIDIS, STERGIOS, GR
[72] KALFAGIANNIS, NIKOLAOS, GR
[72] MAVROIDIS, CONSTANTINOS, GR
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[72] GREGORY, WILLIAM W., US
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[72] LEIGH, KATHRYN ANN, US
[72] MINOR, PAUL N., US
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[72] MUSER, ANDREW P., US
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[72] RACETTE, JOHN P., US
[72] ROUSEFF, CHRISTOPHER, US
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[72] TRUPIANO, ANTHONY G., US
[72] WYATT, JOHN, US
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[54] **SYSTEME ET PROCEDE D'UTILISATION DE COLLECTEUR D'ECHANGE DE PRESSION INTEGRE LORS DE FRACTURE HYDRAULIQUE**
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[72] GHASRIPOOR, FARSHAD, US
[72] MARTIN, JEREMY GRANT, US
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[71] CHARGEPOINT TECHNOLOGY LIMITED, GB
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[54] **PROCEDES DE STABILISATION ET VETEMENTS COMPRENANT UNE MATIERE ISOLANTE MATELASSEE STABILISEE**
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[72] O'HARA, TETSUYA, US
[72] HARWARD, RANDALL, US
[71] PATAGONIA, INC., US
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[71] AMESBURY GROUP, INC., US
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[72] XU, WEI, US
[72] SCALF, MARK B., US
[72] SONG, DAVID, US
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[71] ALFRED E MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
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[72] MAKAL, UMIT G., US
[72] DAY, ROGER W., US
[72] HADDLETON, DAVID M., GB
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[54] **FOURNITURE D'IMPLANTS POUR INTERVENTIONS CHIRURGICALES**
[72] LASTER, SCOTT KENNEDY, US
[72] MORRIS-HIPKINS, STUART RAYMOND, US
[72] KELMAN, DAVID CLARK, US
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[54] **APPAREIL MEDICAL POUR LA PREPARATION D'UN FLUIDE MEDICAL**
[72] PARALUPPI, MARCO, IT
[72] MICCO, STEFANO, IT
[71] GAMBRO LUNDIA AB, SE
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[54] **MOYEN DE REVETEMENT DURCISSABLE AUX UV AVEC UNE RESISTANCE AMELIOREE A LA LUMIERE SOLAIRE**
[72] HOLZINGER, DIETER, AT
[71] TIGER COATINGS GMBH & CO. KG, AT
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[54] **DISPOSITIF D'ASSISTANCE RAPIDE POUR UNE TURBOMACHINE A TURBINE LIBRE D'UN AERONEF**
[72] KLONOWSKI, THOMAS, FR
[72] NOLLET, MICHEL, FR
[72] PAILHOUX, FREDERIC, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
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[54] **SYSTEME DE SELECTION DE CHAUSSURE ET/OU DE SEMELLE INTERIEURE**
[72] GOOCH, MATTHEW WARREN, US
[72] HAYES, ERIC, US
[72] WAKELAND, DANIEL, US
[71] SUPERFEET WORLDWIDE, INC., US
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[54] **ADDITIFS AMELIORANT L'INDICE DE VISCOSITE DE POLYMERES SOLUBLES DANS L'HUILE COIFFES PAR UN ALKYLE POUR HUILES DE BASE DANS DES APPLICATIONS AUTOMOBILES**
[72] KHELIDJ, NADJET, CH
[72] GREAVES, MARTIN R., CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] TOTAL MARKETING SERVICES, FR
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[54] **ARTICLES POREUX FORMES A PARTIR DE POLY(PARA-XYLYLENE) ET PROCEDES DE FORMATION DE CES DERNIERS**
[72] SBRIGLIA, GUY A., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **ELEMENT DE GOUVERNE POUR AERONEF**
[72] SEIS, MICHAEL, AT
[72] MEINDLHUMER, MARTIN, AT
[71] FACC AG, AT
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[54] **APPAREIL ET PROCEDE POUR ALIMENTER UN ANIMAL**
[72] OLIVER, TIMOTHY MICHAEL, GB
[72] FILLERY, BRIAN GORDON, GB
[72] PERRIN, GORDON DAVID, GB
[71] HAYGAIN LTD, GB
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[71] UHU GMBH & CO. KG, DE
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[54] **CHAINE TRANSPORTEUSE**
[72] MORRIS, RANDALL LEE, US
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[71] THE CINCINNATI MINE MACHINERY COMPANY, US
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[54] **MATERIAUX LUMINESCENTS CHROMIQUES REACTIFS A L'ENVIRONNEMENT AYANT UNE SENSATION TACTILE AMELIOREE**
[72] AGRAWAL, SATISH, US
[72] PARKER, CLIFF, US
[72] CINCOTTA, LOUIS, US
[71] PERFORMANCE INDICATOR, LLC, US
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[54] **SYSTEME DE FIXATION DE CIVIERE COMPORTANT UN ENSEMBLE RAILS DE FIXATION DE CIVIERE ANTI-ACCIDENT ET PROCEDE DE FIXATION D'UNE CIVIERE DE SECOURS SUR CELUI-CI**
[72] VALENTINO, NICHOLAS V., US
[72] WELLS, TIMOTHY R., US
[72] WAY, CHRISTOPHER, US
[72] CAMBRIDGE, ALAN RAYMOND, AU
[72] BROADLEY, GAVIN LEE, AU
[71] FERNO-WASHINGTON, INC., US
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[72] GRYSHCHUK, OLEG, DE
[71] DENSO HOLDING GMBH & CO., DE
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[54] **SYSTEME D'ECHANGE DE PRESSION A SYSTEME MOTEUR**
[72] RICHTER, MARK, US
[72] WINKLER, FELIX, US
[71] ENERGY RECOVERY, INC., US
[71] RICHTER, MARK, US
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[72] FANDA, ANUJ KUMAR, IN
[72] JAIN, SATISH KUMAR, IN
[72] SINGH, ROMI BARAT, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
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[54] **POLARITY CONFIGURATIONS FOR PARALLEL OPTICS DATA TRANSMISSION, AND RELATED APPARATUSES, COMPONENTS, SYSTEMS, AND METHODS**
[54] **CONFIGURATIONS DE POLARITE POUR UNE TRANSMISSION DE DONNEES D'ELEMENTS OPTIQUES PARALLELES ET APPAREILS, COMPOSANTS, SYSTEMES ET PROCEDES ASSOCIES**
[72] COLEMAN, JOHN DOUGLAS, US
[72] YATES, WESLEY ALLAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **DISPOSITIF DE SIMULATION CARDIAQUE**
[72] CARSON, DAVID JEFFREY, US
[72] LIEBER, BARUCH B., US
[72] SADASIVAN, CHANDRAMOULI, US
[72] FIORELLA, DAVID, US
[72] WOO, M.D. HENRY, US
[72] ROMEO, MICHAEL, US
[72] BUNCH, GARY, US
[72] KEPPELER, KARL, US
[71] VASCULAR SIMULATIONS, LLC, US
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[54] **SYSTEME ET PROCEDE D'INDICATION D'INFORMATIONS DE PAQUET DANS DES SYSTEMES DE COMMUNICATION**
[72] KWON, YOUNG HOON, US
[71] NEWRACOM, INC., US
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[54] **PLAN DE TONALITE POUR COMPRESSION ET TRANSMISSION LTF DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] YANG, LIN, US
[72] DOAN, DUNG NGOC, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
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[54] **ARCHITECTURE A ECHELLE VARIABLE POUR LE TRAITEMENT DE SIGNAUX NUMERIQUES**
[72] HUGHES, ROBERT, GB
[72] BROWN, STEPHEN, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
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[72] NICHOLAS, DAVIN SCOTT, US
[72] PANTHER, MITCHELL S., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE DE PARTAGE D'UN RECEPTEUR UE ENTRE DES FONCTIONNEMENTS D2D ET CELLULAIRES SUR LA BASE DE L'ACTIVITE**
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[72] KAZMI, MUHAMMAD, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **PROCEDE, APPAREIL ET PRODUIT PROGRAMME INFORMATIQUE DE COMMANDE D'UNE DISTRIBUTION DE CONTENU A UN AFFICHAGE PAR L'INTERMEDIAIRE D'EMETTEURS-RECEPTEURS**
[72] POWERS, CHRISTOPHER, US
[72] APARICIO, MIKE, US
[71] GROUPON, INC., US
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[54] **INVERSION CONJOINTE DE DONNEES SISMIQUES DE COMPRESSION ET DE CISAILLEMENT DANS DES DOMAINES TEMPORELS NATIFS**
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[54] **CONCEPT DE COMMUTATION DE TAUX D'ECHANTILLONNAGE DANS DES DISPOSITIFS DE TRAITEMENT AUDIO**
[72] DOHLA, STEFAN, DE
[72] FUCHS, GUILLAUME, DE
[72] GRILL, BERNHARD, DE
[72] MULTRUS, MARKUS, DE
[72] PIETRZYK, GRZEGORZ, DE
[72] RAVELLI, EMMANUEL, DE
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[54] **ATTENUATION D'ATTAQUES DE COLLUSION CONTRE UN CONTENU FILIGRANE**
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[72] FISH, CHARLES, US
[71] NAGRAVISION S.A., CH
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[54] **CHARGE UTILE ELECTRO-OPTIQUE POUR DES COMMUNICATIONS OPTIQUES D'ESPACE LIBRE A BANDE PASSANTE ELEVEE**
[72] COLEMAN, GARY D., US
[72] MINISCALCO, WILLIAM J., US
[72] MATTHEWS, EVAN J., US
[71] RAYTHEON COMPANY, US
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[54] **GRILL DE FORME OVALE DOTE D'UN COUVERCLE A CHARNIERE**
[72] COLSTON, MICHAEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
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[54] **MULTI-TIERED GRILL RACK SYSTEM AND GRILL MOUNTS**
[54] **SYSTEME DE SUPPORT DE GRILL A PLUSIEURS ETAGES ET DISPOSITIFS D'INSTALLATION DE GRILL**
[72] COLSTON, MICHAEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
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[54] **DISPOSITIF DE MELANGE ET DE FERMETURE DESTINE A UN RECIPIENT**
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[71] RPC BRAMLAGE GMBH, DE
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[54] **CAPTEUR POUR SYSTEME DE DISTRIBUTION**
[72] WEGELIN, JACKSON WILLIAM, US
[72] CURTIS, CHIP, US
[71] GOJO INDUSTRIES, INC., US
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[54] **ENSEMBLE D'ANTENNES RFID RECONFIGURABLE UTILISANT UN NOYAU REFLECTEUR COMMUN**
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[72] JAFFRI, REHAN K., US
[71] SYMBOL TECHNOLOGIES, LLC, US
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[71] ROSEMOUNT INC., US
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[54] **METHOD AND APPARATUSES FOR MULTIPLE TYPES OF GROUP MEMBERSHIP BASED ON STATUS IN APPLICATIONS**
[54] **PROCEDE ET APPAREIL POUR PLUSIEURS TYPES D'AFFILIATIONS A DES GROUPES SUR LA BASE DU STATUT DANS DES APPLICATIONS**
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[72] LIN, LIN, US
[72] MATHIS, JAMES E., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **APPAREIL ET PROCEDE POUR GENERER UNE TRAME DE SIGNAL DE DIFFUSION A L'AIDE D'UN MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
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[54] **LOCALISATION DES DEFAUTS ELECTRIQUES DANS UN CIRCUIT**
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[71] GE AVIATION SYSTEMS LIMITED, GB
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[54] **CONTROLE DE FREQUENCE PORTEUSE AMELIORE**
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[72] TANG, YANG, US
[72] CHOI, HYUNG-NAM, DE
[72] BURBIDGE, RICHARD, GB
[71] INTEL IP CORPORATION, US
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[25] EN
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[54] **PRESENTATION DYNAMIQUE DE DONNEES DE CAPTEUR DE VEHICULE VIA UN RESEAU DE PROXIMITE A PASSERELLE MOBILE**
[72] BOTTICELLI, MARK PHILIP, US
[71] TRIMBLE NAVIGATION LIMITED, US
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[54] **SYSTEME DE DONNEES DE VEHICULE FAISANT APPEL A DES PASSERELLES DE PUBLICATION/D'ABONNEMENT**
[72] BOTTICELLI, MARK PHILIP, US
[71] TRIMBLE NAVIGATION LIMITED, US
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[54] **ALIGNEMENT DE CENTRES DE PHASE POUR SYSTEMES D'OUVERTURE SYNTHETIQUE A TAUX DE REPETITION FIXE**
[72] WILBY, ANDREW, US
[72] MAGOON, JONATHAN PEARSON, US
[71] RAYTHEON COMPANY, US
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[54] **METHOD FOR ENHANCING IMMUNE CELL FUNCTION AND METHOD FOR ASSESSING IMMUNE CELL MULTIFUNCTIONALITY**
[54] **PROCEDE D'AMELIORATION DE LA FONCTION DES CELLULES IMMUNITAIRES ET PROCEDE D'EVALUATION DE LA MULTIFONCTIONNALITE DES CELLULES IMMUNITAIRES**
[72] UDONO, HEIICHIRO, JP
[72] EIKAWA, SHINGO, JP
[72] TOYOOKA, SHIN-ICHI, JP
[71] NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
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[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **SYSTEMES ET PROCEDES DE DETECTION D'OISEAUX**
[72] JORQUERA, CARLOS, US
[72] COPPAGE, AARON, US
[72] DESALVO, JASON, US
[72] LUTTRELL, RYAN, US
[72] LUTTRELL, JASON, US
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[54] **ACRYLIC PRESSURE-SENSITIVE ADHESIVE COMPOSITIONS AND PRESSURE-SENSITIVE ADHESIVE PRODUCTS**
[54] **COMPOSITION D'ADHESIF ACRYLIQUE, ET ARTICLE ADHESIF**
[72] NAKADA, KANAYO, JP
[72] MORISHITA, YOSHIHIRO, JP
[71] KURARAY CO., LTD., JP
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[54] **PROCEDE POUR SEPARER PLUSIEURS BIOMATERIAUX**
[72] HAAM, SEUNGJOO, KR
[72] HUH, YONG-MIN, KR
[72] KANG, BYUNGHOON, KR
[72] JANG, EUNJI, KR
[72] HAN, SEUNGMIN, KR
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[54] **SYSTEME ET PROCEDE POUR CALCULER, AFFICHER, MODIFIER ET UTILISER UN SCORE DE SANTE NUTRITIONNELLE PERSONNALISE**
[72] SOLARI, SOREN, CH
[71] NESTEC S.A., CH
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[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE DE SYSTEME DE PILE A COMBUSTIBLE**
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[54] **METHOD AND DEVICE FOR UNPACKING A COMPONENT**
[54] **PROCEDE ET DISPOSITIF D'EXTRACTION D'UN ELEMENT DE CONSTRUCTION**
[72] HOECHSMANN, RAINER, DE
[72] MUELLER, ALEXANDER, DE
[72] KLAUA, SVEN, DE
[72] BAUMANN, MAXIMILIAN, DE
[72] SEEGER, WOLFGANG, DE
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[72] HUBER, LISA, DE
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[54] **FOURNITURE D'INFORMATIONS D'ITINERAIRE A DES DISPOSITIFS PENDANT UN SERVICE DE TRANSPORT PARTAGE**
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[72] JACOBS, MICHAEL, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **SYSTEME DE COMMANDE POUR SYSTEMES DE SOUDAGE**
[72] SIMIONI, UGO, IT
[72] IMI, ATTILIO, IT
[71] TRAFIMET GROUP S.P.A., IT
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[54] **PAIEMENT POUR DU CONTENU CENTRE SUR LES TACHES**
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[25] EN
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[54] **REDUCTION DE L'ESPACE DE RECHERCHE POUR RECONNAISSANCE D'OBJETS DANS UNE IMAGE SUR LA BASE DE SIGNAUX SANS FIL**
[72] DUBUQUE, SHAUN F., US
[71] RETAILMENOT, INC., US
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[54] **DISINTEGRIN VARIANTS AND PHARMACEUTICAL USES THEREOF**
[54] **VARIANTS DE DESINTEGRINE ET UTILISATIONS PHARMACEUTIQUES DE CEUX-CI**
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[71] NATIONAL CHENG KUNG UNIVERSITY, TW
[71] DCB-USA LLC, US
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[54] **FRACTIONS COMMUTABLES AVEC DES STIMULI, MONOMERES ET POLYMERES INCORPORANT DES FRACTIONS COMMUTABLES AVEC DES STIMULI, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] MCGEEHAN, SEAN, US
[72] BURKE, MARTIN, US
[71] ATACOR MEDICAL, INC., US
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[51] **Int.Cl. A61K 8/87 (2006.01)**
[25] EN
[54] **SULFATE-FREE PERSONAL CARE COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS D'HYGIENE PERSONNELLE DEPOURVUES DE SULFATE, ET PROCEDES ASSOCIES**
[72] BURCH, KIMBERLY, US
[72] YANG, BINHUA, US
[72] KENNY, TIMOTHY, US
[71] ELEMENTIS SPECIALTIES, INC., US
[85] 2017-02-23
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[54] **CARDIAC PACING LEAD DELIVERY SYSTEM**
[54] **SYSTEME D'IMPLANTATION DE SONDE DE STIMULATION CARDIAQUE**
[72] MARCOVECCHIO, ALAN, US
[72] SANGHERA, RICK, US
[72] MCGEEHAN, SEAN, US
[71] ATACOR MEDICAL, INC., US
[85] 2017-02-23
[86] 2015-09-04 (PCT/US2015/048712)
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[30] US (62/045,683) 2014-09-04
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[54] **ANTI-VASA ANTIBODIES, AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **ANTICORPS ANTI-VASA ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] WEAVER, DAVID T., US
[72] ZHANG, BO, US
[71] OVASCIENCE, INC., US
[85] 2017-02-23
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[30] US (62/051,130) 2014-09-16
[30] US (62/089,054) 2014-12-08

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[54] **CAT TREE FEEDER**
[54] **DISPOSITIF D'ALIMENTATION POUR ARBRE A CHAT**
[72] MAROSKE, RICHARD PAUL, US
[71] MAROSKE, RICHARD PAUL, US
[85] 2017-02-23
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[30] US (62/071,586) 2014-09-29
[30] US (14/837,906) 2015-08-27

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[51] **Int.Cl. A61B 17/34 (2006.01)**
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[54] **DELIVERY SYSTEM FOR CARDIAC PACING**
[54] **SYSTEME DE POSE POUR STIMULATION CARDIAQUE**
[72] SANGHERA, RICK, US
[72] MARCOVECCHIO, ALAN, US
[72] MCGEEHAN, SEAN, US
[71] ATACOR MEDICAL, INC., US
[85] 2017-02-23
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[54] **ELEMENT DE RECEPTION POUR FIL CONDUCTEUR DE STIMULATEUR CARDIAQUE**
[72] MCGEEHAN, SEAN, US
[72] MARCOVECCHIO, ALAN, US
[72] SANGHERA, RICK, US
[71] ATACOR MEDICAL, INC., US
[85] 2017-02-23
[86] 2015-09-04 (PCT/US2015/048719)
[87] (WO2016/037147)
[30] US (62/045,683) 2014-09-04
[30] US (62/083,516) 2014-11-24
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[54] **COMPOSITION FOR REDUCING LOCAL FAT AND BODY WEIGHT, AND PHARMACEUTICALS AND USE THEREOF**
[54] **COMPOSITION POUR REDUIRE LES DEPOTS DE GRAISSE LOCAUX ET LE POIDS CORPOREL, ET PRODUITS PHARMACEUTIQUES ET UTILISATION ASSOCIEE**
[72] LING, YU-FANG, CN
[71] CALIWAY BIOPHARMACEUTICALS CO., LTD., CN
[85] 2017-02-24
[86] 2015-08-28 (PCT/CN2015/088340)
[87] (WO2016/029870)
[30] US (62/042,864) 2014-08-28

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[54] **DISTRIBUTED ENERGY POWER SOURCE CONTROL METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE COMMANDE DE SOURCE D'ALIMENTATION EN ENERGIE REPARTI**
[72] WU, CHAO, CN
[72] XI, MINGYAO, CN
[72] ZHENG, ZHIWEI, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2017-02-24
[86] 2015-08-21 (PCT/CN2015/087846)
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[25] EN
[54] **CLEANING COMPOSITIONS COMPRISING ALKOXYLATED POLYALKYLENEIMINES AND SULFONATE GROUP-CONTAINING COPOLYMERS**
[54] **COMPOSITIONS DE NETTOYAGE COMPRENANT DES POLYALKYLENE-IMINES ALCOXYLES ET DES COPOLYMERES CONTENANT UN GROUPE SULFONATE**
[72] WANG, XIAOLI, CN
[72] ZHAI, XIANLING, CN
[72] QIN, PENG, CN
[72] LIU, XIAOYAN, CN
[72] SMERZNAK, MARK ALLEN, CN
[72] STENGER, PATRICK CHRISTOPHER, US
[72] LUI, BONNY KAY, US
[72] DEPA, PRAVEEN KUMAR, US
[72] SHEAROUSE, WILLIAM COFFIN, US
[72] VOSTERS, STACEY LEE, US
[72] HILER, RACHEL MARIE, US
[72] HEMMI, AKIKO, JP
[72] MIZOGUCHI, HIROTAKA, JP
[72] MATSUMOTO, RIKA, JP
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-24
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[51] **Int.Cl. C12N 15/00 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **HYDRODYNAMIC DELIVERY OF FLUIDS TO KIDNEY TISSUE**
[54] **DISTRIBUTION HYDRODYNAMIQUE DE LIQUIDES VERS LES TISSUS RENAUX**
[72] BACALLAO, ROBERT, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2017-02-23
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[51] **Int.Cl. C11D 3/37 (2006.01) C11D 1/00 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS COMPRISING AMPHIPHILIC GRAFT COPOLYMERS AND SULFONATE GROUP-CONTAINING COPOLYMERS**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT DES COPOLYMERES GREFFES AMPHIPHILES ET DES COPOLYMERES CONTENANT UN GROUPE SULFONATE**
[72] WANG, XIAOLI, CN
[72] ZHAI, XIANLING, CN
[72] QIN, PENG, CN
[72] LIU, XIAOYAN, CN
[72] SMERZNAK, MARK ALLEN, CN
[72] STENGER, PATRICK CHRISTOPHER, US
[72] LUI, BONNY KAY, US
[72] DEPA, PRAVEEN KUMAR, US
[72] SHEAROUSE, WILLIAM COFFIN, US
[72] VOSTERS, STACEY LEE, US
[72] HILER, RACHEL MARIE, US
[72] HEMMI, AKIKO, JP
[72] MIZOGUCHI, HIROTAKA, JP
[72] MATSUMOTO, RIKA, JP
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD FOR CONFIGURING RANDOM ACCESS RESPONSE WINDOW, BASE STATION AND USER EQUIPMENT**
[54] **PROCEDE POUR CONFIGURER UNE FENETRE DE REPONSE D'ACCES ALEATOIRE, STATION DE BASE ET EQUIPEMENT D'UTILISATEUR**
[72] LIU, RENMAO, CN
[72] WANG, FENG, CN
[72] JIANG, QI, CN
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **SYSTEME D'ENERGIE ELECTRO-MAGNETIQUE A SPECTRE COMPLET**
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[71] HOHULIN, SCOTT, US
[71] SCOTT HOHULIN FAMILY 2014 IRREVOCABLE TRUST, US
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[25] EN
[54] **METHOD TO HEAT WATER IN AN ELECTRICAL BOILER, CORRESPONDING DEVICE AND ELECTRICAL BOILER**
[54] **PROCEDE POUR CHAUFFER DE L'EAU DANS UN CHAUFFE-EAU ELECTRIQUE, DISPOSITIF CORRESPONDANT ET CHAUFFE-EAU ELECTRIQUE**
[72] GIUSTI, ALESSANDRO, CH
[72] SALANI, MATTEO, CH
[72] RIZZOLI, ANDREA EMILIO, CH
[72] GAMBARDELLA, LUCA MARIA, IT
[72] DOZIO, GIAN CARLO, CH
[72] FOLETTI, FABIO, CH
[72] RIVOLA, DAVIDE, CH
[72] RUDEL, ROMAN, CH
[72] BELLIARDI, MARCO, CH
[72] NESPOLI, LORENZO, CH
[72] MEDICI, VASCO, CH
[71] ALPIQ INTEC AG, CH
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[25] EN
[54] **EGFR INHIBITOR, AND PREPARATION AND APPLICATION THEREOF**
[54] **INHIBITEUR D'EGFR, ET PREPARATION ET APPLICATION ASSOCIEES**
[72] WEI, MINGSONG, CN
[72] SUN, GUANGJUN, CN
[72] TAN, SONGLIANG, CN
[72] GAO, PENG, CN
[72] WANG, SHAOBAO, CN
[72] XIU, WENHUA, CN
[72] ZHANG, FUJUN, CN
[72] BAO, RUDI, CN
[71] SHANGHAI HANSOH BIOMEDICAL CO., LTD., CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
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[86] 2015-09-30 (PCT/CN2015/091189)
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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 5/00 (2006.01) A61B 6/00 (2006.01) G06T 7/00 (2017.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR QUANTITATIVE SURGICAL IMAGE REGISTRATION**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR ENREGISTREMENT D'IMAGE CHIRURGICALE QUANTITATIF**
[72] PIRON, CAMERON ANTHONY, CA
[72] YUWARAJ, MURUGATHAS, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2014-11-27 (PCT/CA2014/000849)
[87] (WO2016/082017)

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[51] **Int.Cl. F24J 2/24 (2006.01) F24J 2/12 (2006.01)**
[25] EN
[54] **RECEIVER FOR USE WITH A PARABOLIC SOLAR CONCENTRATOR**
[54] **RECEPTEUR DESTINE A ETRE UTILISE AVEC UN CONCENTRATEUR SOLAIRE PARABOLIQUE**
[72] SIDDIQUI, KAMRAN, CA
[72] HASSAN, HASSAN, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2017-02-24
[86] 2014-08-25 (PCT/CA2014/050813)
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[30] US (61/870,894) 2013-08-28

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[51] **Int.Cl. C07K 14/245 (2006.01) C12Q 1/68 (2006.01) G01N 33/487 (2006.01)**
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[54] **MUTANT PORES**
[54] **PORES MUTANTS**
[72] REMAUT, HAN, BE
[72] JAYASINGHE, LAKMAL, GB
[72] HOWORKA, STEFAN, GB
[72] WALLACE, ELIZABETH JAYNE, ZZ
[72] CLARKE, JAMES ANTHONY, ZZ
[72] HAMBLEY, RICHARD GEORGE, ZZ
[72] PUGH, JONATHAN BANKES, ZZ
[71] VIB VZW, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
[85] 2017-02-24
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[30] GB (1415455.3) 2014-09-01
[30] GB (1422079.2) 2014-12-11
[30] GB (1506489.2) 2015-04-16
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[30] GB (1511203.0) 2015-06-25
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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 90/11 (2016.01) A61B 5/06 (2006.01) A61B 6/03 (2006.01)**
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[54] **PORT TRACKING TOOL**
[54] **OUTIL DE REPERAGE D'ORIFICE D'ACCES**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM WAI-LEUNG, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
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[51] **Int.Cl. E06B 9/08 (2006.01) E04B 2/74 (2006.01) E06B 9/58 (2006.01)**
[25] EN
[54] **MODULAR ENCLOSURE**
[54] **ENSEMBLE PAROI MODULAIRE**
[72] IGLESIAS BALLESTER, MIGUEL ANGEL, ES
[71] AMISERRU, S.L., ES
[85] 2017-02-24
[86] 2015-07-13 (PCT/ES2015/070547)
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[51] **Int.Cl. C07F 9/53 (2006.01) A61K 31/662 (2006.01) A61P 17/00 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **DI-ISOPROPYL-PHOSPHINOYL-ALKANE (DAPA) COMPOUNDS AS TOPICAL AGENTS FOR THE TREATMENT OF SENSORY DISCOMFORT**
[54] **COMPOSES DI-ISOPROPYL-PHOSPHINOYL-ALCANES (DAPA) EN TANT QU'AGENTS TOPIQUES POUR LE TRAITEMENT D'UNE GENE SENSORIELLE**
[72] WEI, EDWARD TAK, US
[71] WEI, EDWARD TAK, US
[85] 2017-02-24
[86] 2013-10-22 (PCT/GB2013/052730)
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/055 (2006.01) A61B 5/06 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR ADAPTIVE IMAGE ACQUISITION**
[54] **PROCEDE, SYSTEME ET APPAREIL D'ACQUISITION D'IMAGE ADAPTATIVE**
[72] PIRON, CAMERON ANTHONY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2015-01-07 (PCT/CA2015/000011)
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[51] **Int.Cl. C12P 7/02 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12N 9/00 (2006.01) C12N 9/26 (2006.01) C12N 9/42 (2006.01) C12P 1/00 (2006.01) C12P 7/06 (2006.01) C12P 7/10 (2006.01) C12P 7/16 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCTION OF PHENOL IN ENZYMATIC SOLUTIONS AND/OR FEEDSTOCK**
[54] **APPAREIL ET PROCEDE POUR DIMINUER LE PHENOL DANS DES SOLUTIONS ENZYMATIQUES ET/OU DANS DES MATIERES PREMIERES**
[72] YACYSHYN, VINCENT, CA
[71] YACYSHYN, VINCENT, CA
[85] 2017-02-24
[86] 2015-09-01 (PCT/CA2015/000482)
[87] (WO2016/033680)
[30] US (62/045,043) 2014-09-03
[30] US (62/055,063) 2014-09-25

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/00 (2006.01) A61B 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING NAVIGATION SPACE TO PATIENT SPACE IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE D'UN ESPACE DE NAVIGATION AVEC L'ESPACE PATIENT AU COURS D'UN ACTE MEDICAL**
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] LUI, DOROTHY, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2015-06-22 (PCT/CA2015/050573)
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[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DOWNHOLE TOOL DEPLOYMENT FOR WELL DRILLING AND OTHER WELL OPERATIONS**
[54] **APPAREIL ET PROCEDES DE DEPLOIEMENT D'OUTIL DE FOND DE TROU POUR FORAGE DE PUITS ET AUTRES OPERATIONS DE PUITS**
[72] LAYDEN, REGINALD WAYE, CA
[71] RAPTOR RIG COIL, INC., CA
[85] 2017-02-24
[86] 2015-08-26 (PCT/CA2015/050816)
[87] (WO2016/029311)
[30] US (14/468,655) 2014-08-26

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[51] **Int.Cl. C08L 83/04 (2006.01) B29B 11/08 (2006.01) B29C 49/06 (2006.01) C08J 3/22 (2006.01)**
[25] EN
[54] **POLYMERIC MATERIALS**
[54] **MATERIAUX POLYMERES**
[72] OVEREND, ANDREW, GB
[72] BROWN, PATRICK, GB
[72] DAVIES, NEIL, GB
[71] COLORMATRIX HOLDINGS, INC., US
[85] 2017-02-24
[86] 2015-08-27 (PCT/GB2015/052490)
[87] (WO2016/034863)
[30] GB (1415528.7) 2014-09-02

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[51] **Int.Cl. E21B 15/00 (2006.01) E21B 19/06 (2006.01) E21B 19/16 (2006.01) E21B 21/01 (2006.01)**
[25] EN
[54] **DUAL DEVICE APPARATUS AND METHODS USABLE IN WELL DRILLING AND OTHER WELL OPERATIONS**
[54] **APPAREIL DISPOSITIF DOUBLE ET PROCEDES POUVANT ETRE UTILISES DANS LE FORAGE DE PUITS ET AUTRES OPERATIONS DE PUITS**
[72] LAYDEN, REGINALD WAYE, CA
[71] RAPTOR RIG, INC., CA
[85] 2017-02-24
[86] 2015-08-26 (PCT/CA2015/050817)
[87] (WO2016/029312)
[30] US (14/468,703) 2014-08-26

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[25] EN
[54] **FILTRATION APPARATUS**
[54] **APPAREIL DE FILTRATION**
[72] BARTON, ALASTAIR WILLIAM, GB
[71] ALCONBURY WESTON LTD, GB
[85] 2017-02-24
[86] 2014-09-01 (PCT/GB2014/052641)
[87] (WO2015/033117)
[30] GB (1315905.8) 2013-09-06

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[13] A1
[51] **Int.Cl. H05B 3/26 (2006.01) H05B 3/68 (2006.01)**
[25] EN
[54] **SPECIFIC HEATER CIRCUIT TRACK PATTERN COATED ON A THIN HEATER PLATE FOR HIGH TEMPERATURE UNIFORMITY**
[54] **MOTIF DE PISTE DE CIRCUIT DE DISPOSITIF DE CHAUFFAGE SPECIFIQUE APPLIQUE EN REVETEMENT SUR UNE MINCE PLAQUE DE DISPOSITIF DE CHAUFFAGE POUR UNIFORMITE DE TEMPERATURE ELEVEE**
[72] KORKUSUZ, NURI GOKHAN, TR
[72] GULEC BOYACI, BIRCE, TR
[71] ASELSAN ELEKTRONIK SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2017-02-24
[86] 2014-08-27 (PCT/IB2014/064086)
[87] (WO2016/030719)

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[13] A1
[51] **Int.Cl. F16L 3/16 (2006.01) F16L 1/028 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING DEFORMABILITY OF BURIED PIPELINES**
[54] **SYSTEME ET PROCEDE POUR AMELIORER UNE APTITUDE A LA DEFORMATION DE CANALISATIONS ENFOUIES**
[72] FATHI, ALI, CA
[71] ALFA UPGRADES INC., CA
[85] 2017-02-24
[86] 2015-08-27 (PCT/CA2015/050825)
[87] (WO2016/029318)
[30] US (62/042,314) 2014-08-27

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[13] A1
[51] **Int.Cl. E05B 63/00 (2006.01)**
[25] EN
[54] **KEYED LOCKSET OPERABLE BY PIVOTING ACTUATOR ABOUT FIRST AXIS OR SECOND AXIS**
[54] **ENSEMBLE SERRURE A CLE EXPLOITABLE EN PIVOTANT UN ACTIONNEUR AUTOUR D'UN PREMIER AXE OU D'UN SECOND AXE**
[72] OU, XINMIN, CN
[72] WEATHERSBY, STEVEN T., US
[72] CHEN, SHIHAO, CN
[72] LIU, GUOHUA, CN
[72] WEN, JIAN, CN
[72] QUAN, JON FONG, US
[72] OU, XINBEN, CN
[72] YUAN, ZHIMAN, CN
[71] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
[85] 2017-02-24
[86] 2014-09-05 (PCT/CN2014/085987)
[87] (WO2016/033793)

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[13] A1
[51] **Int.Cl. E05B 63/16 (2006.01)**
[25] EN
[54] **HANDLE SET HAVING LATCH BOLT ACTUABLE BY PUSHING HANDLE**
[54] **ENSEMBLE DE POIGNEE COMPORTANT UN PENE A RESSORT APTE A ETRE ACTIONNE EN POUSSANT LA POIGNEE**
[72] OU, XINMIN, CN
[72] LUKE, DUANE, US
[72] QUAN, JON FONG, US
[72] WEATHERSBY, STEVEN T., US
[72] SHARGH, HOSSEIN MOLAIE, US
[72] LIANG, FEILONG, CN
[72] XIAO, HANGUI, CN
[72] LIU, GUOHUA, CN
[72] WEN, JIAN, CN
[72] OU, XINBEN, CN
[72] YUAN, ZHIMAN, CN
[71] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
[85] 2017-02-24
[86] 2014-09-05 (PCT/CN2014/086038)
[87] (WO2016/033804)

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[13] A1
[51] **Int.Cl. E05B 55/02 (2006.01)**
[25] EN
[54] **CYLINDRICAL LATCH BOLT ASSEMBLY HAVING BELEVED BLOCKING SURFACE**
[54] **ENSEMBLE PENE DEMI-TOUR CYLINDRIQUE COMPORTANT UNE SURFACE DE BLOCAGE INCLINEE**
[72] OU, XINMIN, CN
[72] QUAN, JON FONG, US
[72] LIU, GUOHUA, CN
[72] WEN, JIAN, CN
[71] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
[85] 2017-02-24
[86] 2014-09-05 (PCT/CN2014/086039)
[87] (WO2016/033805)

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[13] A1
[51] **Int.Cl. C12Q 1/04 (2006.01) C12N 5/07 (2010.01) G06F 19/10 (2011.01) A61B 6/00 (2006.01) A61B 10/04 (2006.01) C12M 1/26 (2006.01) C12Q 1/34 (2006.01) G01J 3/44 (2006.01)**
[25] EN
[54] **MOLECULAR CELL IMAGING USING OPTICAL SPECTROSCOPY**
[54] **IMAGERIE DE CELLULE MOLECULAIRE PAR SPECTROSCOPIE OPTIQUE**
[72] CHEUNG, AARON, CA
[72] MAK, SIU WAI JACKY, CA
[72] PIRON, CAMERON, CA
[72] WOOD, MICHAEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2014-08-29 (PCT/IB2014/064159)
[87] (WO2016/030726)

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[13] A1
[51] **Int.Cl. B60K 11/06 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR A SNOWMOBILE ENGINE AIR INTAKE**
[54] **ECHANGEUR DE CHALEUR POUR UNE ADMISSION D'AIR DE MOTEUR DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] FORTIER, JONATHAN, CA
[72] LAVOIE, ALAIN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2017-02-24
[86] 2014-09-09 (PCT/IB2014/064342)
[87] (WO2016/038419)

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[13] A1
[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/496 (2006.01)**
[25] EN
[54] **WEARABLE ARTICLE HAVING ELASTIC BELT**
[54] **ARTICLE VESTIMENTAIRE AYANT UNE CEINTURE ELASTIQUE**
[72] MORIMOTO, KOICHI, CN
[72] TONG, LING, CN
[72] CHENG, CHUNMIN, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-24
[86] 2015-02-04 (PCT/CN2015/072189)
[87] (WO2016/029652)
[30] CN (PCT/CN2014/085251) 2014-08-27

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[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/496 (2006.01)**
[25] EN
[54] **WEARABLE ARTICLE HAVING ELASTIC BELT**
[54] **ARTICLE A PORTER SUR SOI COMPRENANT UNE CEINTURE ELASTIQUE**
[72] MORIMOTO, KOICHI, CN
[72] TONG, LING, CN
[72] CHENG, CHUNMIN, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-24
[86] 2015-02-04 (PCT/CN2015/072190)
[87] (WO2016/029653)
[30] CN (PCT/CN2014/085255) 2014-08-27

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[13] A1
[51] **Int.Cl. C12M 3/08 (2006.01) C12M 1/04 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 3/00 (2006.01) C12M 3/06 (2006.01) C12N 1/04 (2006.01) C12N 5/00 (2006.01) C12Q 1/24 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTRAOPERATIVE CELL STORAGE, PROCESSING, AND IMAGING**
[54] **SYSTEME ET PROCEDE DE STOCKAGE, DE TRAITEMENT, ET D'IMAGERIE PEROPERATOIRES DE CELLULES**
[72] CHEUNG, AARON YU LAI, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-24
[86] 2014-11-05 (PCT/IB2014/065829)
[87] (WO2016/030728)
[30] IB (PCT/IB2014/064159) 2014-08-29

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[13] A1
[51] **Int.Cl. B65H 43/04 (2006.01) B65H 29/62 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A FOLDING BOX MACHINE FOR QUALITY ASSURANCE PURPOSES**
[54] **PROCEDE DE COMMANDE D'UNE MACHINE POUR BOITES PLIANTES POUR ASSURANCE DE LA QUALITE**
[72] DIEHR, WOLFGANG, DE
[72] HAMMER, MARK, DE
[72] SCHMID, FRANK MATTHIAS, DE
[71] MASTERWORK MACHINERY CO., LTD., CN
[85] 2017-02-24
[86] 2015-06-17 (PCT/IB2015/000984)
[87] (WO2016/034926)
[30] DE (10 2014 013 166.1) 2014-09-04

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[13] A1
[51] **Int.Cl. B62M 27/02 (2006.01)**
[25] EN
[54] **SNOWMOBILE FUEL TANK**
[54] **RESERVOIR DE CARBURANT DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2017-02-24
[86] 2015-08-31 (PCT/IB2015/056604)
[87] (WO2016/030870)
[30] US (62/043,966) 2014-08-29

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[13] A1
[51] **Int.Cl. C23C 2/04 (2006.01) C22C 23/04 (2006.01) C22C 30/06 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **QUASICRYSTAL-CONTAINING PLATED STEEL SHEET AND METHOD FOR PRODUCING QUASICRYSTAL-CONTAINING PLATED STEEL SHEET**
[54] **TOLE D'ACIER PLAQUEE CONTENANT DES QUASI-CRISTAUX ET PROCEDE DE PRODUCTION DE TOLE D'ACIER PLAQUEE CONTENANT DES QUASI-CRISTAUX**
[72] TOKUDA, KOHEI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-02-24
[86] 2014-09-05 (PCT/JP2014/073494)
[87] (WO2016/035200)

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61P 13/02 (2006.01) A61P 13/10 (2006.01) A61P 43/00 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **2-AMINOTHIAZOLE DERIVATIVE OR SALT THEREOF**
[54] **DERIVE 2-AMINOTHIAZOLE OU SEL DE CE DERNIER**
[72] TAKAHASHI, TAISUKE, JP
[72] TANAKA, HIROAKI, JP
[72] AKAIWA, MICHINORI, JP
[72] NEGORO, KENJI, JP
[72] MIHARA, HISASHI, JP
[72] FUJI, HIDEYOSHI, JP
[72] TAKAMATSU, HAJIME, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2017-02-24
[86] 2015-08-25 (PCT/JP2015/073914)
[87] (WO2016/031833)
[30] JP (2014-171092) 2014-08-26

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[51] **Int.Cl. B01D 69/08 (2006.01) B01D 69/00 (2006.01) B01D 71/68 (2006.01)**
[25] EN
[54] **POROUS MEMBRANE**
[54] **MEMBRANE POREUSE**
[72] KAYAMA, YUZO, JP
[72] KOMURO, MASAYASU, JP
[72] HAMASAKI, TETSUYA, JP
[71] ASAHI KASEI MEDICAL CO., LTD., JP
[85] 2017-02-24
[86] 2015-08-25 (PCT/JP2015/073915)
[87] (WO2016/031834)
[30] JP (2014-170768) 2014-08-25

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ELECTRONIC TRANSACTIONS BASED ON A REPLY MESSAGE**
[54] **PROCEDE ET APPAREIL DE TRANSACTIONS ELECTRONIQUES BASEES SUR UN MESSAGE DE REPONSE**
[72] HAWILO, JOEY, US
[72] MEGSON, WILL, US
[72] CHAINANI, NAREN, US
[72] ANGAPPAN, GANESH, IN
[72] PAULRAMACHANDRAN, KARTHIK, IN
[72] J, RAMYA, IN
[71] GROUPON, INC., US
[85] 2017-02-24
[86] 2015-08-26 (PCT/IB2015/056479)
[87] (WO2016/030846)
[30] US (62/041,962) 2014-08-26

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/5377 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) A61P 43/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **AZAINDOLE DERIVATIVE HAVING AMPK-ACTIVATING EFFECT**
[54] **DERIVE D'AZAINDOLE AYANT UN EFFET D'ACTIVATION DE L'AMPK**
[72] TAMURA, YUUSUKE, JP
[72] HINATA, YU, JP
[72] KOJIMA, EIICHI, JP
[72] OZASA, HIROKI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-02-24
[86] 2015-08-26 (PCT/JP2015/073947)
[87] (WO2016/031842)
[30] JP (2014-172192) 2014-08-27
[30] JP (2015-009894) 2015-01-22
[30] JP (2015-072597) 2015-03-31

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[51] **Int.Cl. B22F 9/20 (2006.01) B22F 1/00 (2006.01) H01B 1/00 (2006.01) H01B 1/22 (2006.01) H01B 5/00 (2006.01) H01B 13/00 (2006.01)**
[25] EN
[54] **METALLIC COPPER PARTICLES, AND PRODUCTION METHOD THEREFOR**
[54] **PARTICULES DE CUIVRE METALLIQUE ET LEUR PROCEDE DE PRODUCTION**
[72] IDA, KIYONOBU, JP
[72] WATANABE, MITSURU, JP
[72] TOMONARI, MASANORI, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2017-02-24
[86] 2015-08-26 (PCT/JP2015/074025)
[87] (WO2016/031860)
[30] JP (2014-174251) 2014-08-28
[30] JP (2015-081081) 2015-04-10

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[13] A1
[51] **Int.Cl. C07D 501/46 (2006.01) A61K 9/19 (2006.01) A61K 31/546 (2006.01) A61K 47/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **A SALT OF CEPHALOSPORIN DERIVATIVE, ITS CRYSTALLINE SOLID AND A METHOD OF MANUFACTURING THEREOF**
[54] **SEL DE DERIVE DE CEPHALOSPORINE, FORME SOLIDE CRISTALLINE DE CELUI-CI ET SON PROCEDE DE PRODUCTION**
[72] MATSUBARA, FUMIHIKO, JP
[72] KURITA, TAKANORI, JP
[72] NAGAMATSU, DAIKI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-02-24
[86] 2015-09-03 (PCT/JP2015/075039)
[87] (WO2016/035845)
[30] JP (2014-179853) 2014-09-04

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[13] A1
[51] **Int.Cl. H04M 11/04 (2006.01)**
[25] EN
[54] **A NOVEL ALERT NOTIFICATION AND MESSAGING SYSTEM**
[54] **NOUVEAU SYSTEME DE NOTIFICATION D'ALERTE ET DE MESSAGERIE**
[72] SARNA, PETER C., II, US
[71] BIOSYNQ INC., US
[85] 2017-02-24
[86] 2014-06-06 (PCT/US2014/041435)
[87] (WO2015/030897)
[30] US (61/871,871) 2013-08-30
[30] US (61/879,666) 2013-09-18
[30] US (61/891,820) 2013-10-16
[30] US (61/894,937) 2013-10-24
[30] US (61/927,460) 2014-01-14

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[13] A1
[51] **Int.Cl. A61C 17/022 (2006.01) A61C 17/024 (2006.01)**
[25] EN
[54] **ORAL CAVITY WASHER USING COMPRESSED AIR**
[54] **NETTOYAGE DE CAVITE BUCCALE AU MOYEN D'AIR COMPRIME**
[72] SHIN, CHUN WOO, KR
[71] SHIN, CHUN WOO, KR
[85] 2017-02-24
[86] 2014-09-16 (PCT/KR2014/008597)
[87] (WO2016/032044)
[30] KR (10-2014-0114232) 2014-08-29

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[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL OF AN AIR DRYER REGENERATION CYCLE**
[54] **AMELIORATION DE LA COMMANDE D'UN CYCLE DE REGENERATION DE DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC, C., US
[72] KOHAR, RICHARD, CA
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-02-24
[86] 2014-08-27 (PCT/US2014/052817)
[87] (WO2016/032449)

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[13] A1
[51] **Int.Cl. A61M 16/16 (2006.01)**
[25] EN
[54] **DETERMINISTICALLY CONTROLLED HUMIDIFICATION SYSTEM**
[54] **SYSTEME D'HUMIDIFICATION CONTROLEE DE FACON DETERMINISTE**
[72] BURGESS, RUSSEL WILLIAM, NZ
[72] BARKER, DEAN ANTONY, NZ
[72] HERMEZ, LAITH ADEEB, NZ
[72] LAWSON, JOEL MICHAEL, US
[72] KIRTON, ROBERT STUART, NZ
[72] O'DONNELL, KEVIN PETER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-02-24
[86] 2015-09-03 (PCT/NZ2015/050128)
[87] (WO2016/036260)
[30] US (62/045,358) 2014-09-03
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[13] A1
[51] **Int.Cl. D21C 1/06 (2006.01) D21C 3/02 (2006.01) D21C 3/24 (2006.01)**
[25] EN
[54] **COST EFFICIENT KRAFT COOKING METHOD USING POLYSULFIDE COOKING LIQUOR**
[54] **PROCEDE RENTABLE DE CUISSON DE KRAFT A L'AIDE D'UNE LIQUEUR DE CUISSON AU POLYSULFURE**
[72] ANTONSSON, STEFAN, SE
[72] OLSSON, KRISTER, SE
[71] VALMET AB, SE
[71] ANTONSSON, STEFAN, SE
[71] OLSSON, KRISTER, SE
[85] 2017-02-24
[86] 2014-08-26 (PCT/SE2014/050975)
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[51] **Int.Cl. A21D 10/02 (2006.01) A21D 2/26 (2006.01) A21D 6/00 (2006.01)**
[25] EN
[54] **GLUTAMIC ACID CONTAINING GLUTEN-FREE DOUGH**
[54] **ACIDE GLUTAMIQUE CONTENANT UNE PATE SANS GLUTEN**
[72] DOMINGUES, DAVID J., US
[72] O'CONNOR, CHRISTINE, US
[72] DE WERFF, SUSAN, US
[71] GENERAL MILLS, INC., US
[85] 2017-02-24
[86] 2014-08-27 (PCT/US2014/052842)
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[13] A1
[51] **Int.Cl. A61K 31/195 (2006.01) A61K 9/06 (2006.01) A61K 31/198 (2006.01) A61K 31/277 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING LEVODOPA, A DOPAMINE DECARBOXYLASE INHIBITOR AND A COMT INHIBITOR AND METHOD OF ADMINISTRATION THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DE LA LEVODOPA, UN INHIBITEUR DE LA DOPAMINE DECARBOXYLASE ET UN INHIBITEUR DE LA COMT, ET LEUR PROCEDE D'ADMINISTRATION**
[72] BOLSOY, ROGER, SE
[71] LOBSOR PHARMACEUTICALS AKTIEBOLAG, SE
[85] 2017-02-24
[86] 2015-09-04 (PCT/SE2015/050939)
[87] (WO2016/036308)
[30] SE (1451034-1) 2014-09-04
[30] SE (1550344-4) 2015-03-24

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01) G06T 13/20 (2011.01)**
[25] EN
[54] **PROGRAM, INFORMATION PROCESSING APPARATUS, CONTROL METHOD, AND RECORDING MEDIUM**
[54] **PROGRAMME, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE COMMANDE ET SUPPORT D'ENREGISTREMENT**
[72] NAKAJO, TETSUYA, JP
[72] TODATE, MASAYUKI, JP
[71] LIVE2D INC., JP
[85] 2017-02-24
[86] 2015-08-31 (PCT/JP2015/074565)
[87] (WO2016/035724)
[30] JP (2014-181551) 2014-09-05

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **IMAGE BASED TRANSFER OF WELLSITE DATA BETWEEN DEVICES IN A PETROLEUM FIELD**
[54] **TRANSFERT BASE SUR DES IMAGES DE DONNEES D'EMPLACEMENT DE PUITS ENTRE DES DISPOSITIFS DANS UN CHAMP DE PETROLE**
[72] ANGHELESCU, FLORIN M., CA
[72] CRAWSHAY, DAVID, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-02-24
[86] 2014-10-01 (PCT/US2014/058642)
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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/22 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **SURFACTANT SELECTION METHODS FOR WETTING ALTERATION IN SUBTERRANEAN FORMATIONS**
[54] **PROCEDES DE SELECTION DE TENSIOACTIFS POUR LA MODIFICATION DU MOUILLAGE DANS DES FORMATIONS SOUTERRAINES**
[72] FENG, LIJIE, US
[72] XU, LIANG, US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2017-02-24
[86] 2014-11-13 (PCT/US2014/065533)
[87] (WO2016/076877)

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **IN-FIELD DNA EXTRACTION, DETECTION AND AUTHENTICATION METHODS AND SYSTEMS THEREFOR**
[54] **PROCEDES D'EXTRACTION, DE DETECTION ET D'AUTHENTIFICATION DE L'ADN SUR LE TERRAIN, ET SYSTEMES ASSOCIES**
[72] JUNG, LAWRENCE, US
[72] LIANG, BENJAMIN, US
[71] APDN (B.V.I.) INC., VG
[85] 2017-02-24
[86] 2015-01-28 (PCT/US2015/013184)
[87] (WO2016/032562)
[30] US (62/043,078) 2014-08-28

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[13] A1
[51] **Int.Cl. C09K 8/02 (2006.01) E21B 33/13 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **ADDITIVE OF CHEMICALLY-MODIFIED CELLULOSE NANOFIBRILS OR CELLULOSE NANOCRYSTALS**
[54] **ADDITIF DE NANOFIBRILLES DE CELLULOSE OU DE NANOCRISTAUX DE CELLULOSE MODIFIES CHIMIQUEMENT**
[72] HALL, LEE J., US
[72] DEVILLE, JAY P., US
[72] ROJAS, ORLANDO J., US
[72] CARRILLO, CARLOS A., US
[72] SALAS, CARLOS L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-24
[86] 2014-12-19 (PCT/US2014/071390)
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[54] **COMPOSES MACROLIDES ET LEUR UTILISATION DANS LA MALARIA EN PHASE HEPATIQUE ET LES MALADIES ASSOCIEES**
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[54] **TELEMETRIE ELECTROMAGNETIQUE POUR LA MESURE ET LA DIAGRAPHIE EN COURS DE FORAGE ET LA TELEMETRIE MAGNETIQUE ENTRE DES PUITS DE FORAGE**
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[54] **SYSTEME DE CHARGEMENT DE FOUR A COKE**
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[72] CHOI, CHUN WAI, US
[72] SPARLING, DANNY EDWARD, US
[72] MOUNTS, DEXTER JUNIOR, US
[72] BALL, MARK ANTHONY, US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
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[54] **PROCEDE ET SYSTEME D'OPTIMISATION DU FONCTIONNEMENT ET DU RENDEMENT D'UNE COKERIE**
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[72] KESAVAN, PARTHASARATHY, US
[72] RUSSELL, KATHARINE ELIZABETH, US
[72] VICHITVONGSA, KHAMBATH, US
[72] BROMBOLICH, JEFFREY SCOTT, US
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[72] GLASS, EDWARD A., US
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[54] **INTERFACE I/Q MULTICANAL ENTRE UNE STATION DE BASE ET UN REPETEUR**
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[71] COMMSCOPE TECHNOLOGIES LLC, US
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[54] **APPLICATIONS, PROCEDES ET SYSTEMES POUR LE TRAITEMENT DE MATERIAUX PAR LASER RAMAN EN LUMIERE VISIBLE**
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[72] QUANCI, JOHN FRANCIS, US
[72] KESAVAN, PARTHASARATHY, US
[72] CHUN, UNG-KYUNG, US
[72] KANDULA, RAJESH KUMAR, US
[72] FERNANDEZ, MAYELA CAROLINA, US
[72] VICHITVONGSA, KHAMBATH, US
[72] BROMBOLICH, JEFFREY SCOTT, US
[72] MROZOWICZ, RICHARD ALAN, US
[72] GLASS, EDWARD A., US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
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[30] US (62/043,359) 2014-08-28

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[51] Int.Cl. D21C 3/20 (2006.01) D01C 1/00 (2006.01) D21C 9/02 (2006.01)
[25] EN
[54] COMPREHENSIVE PROCESS FOR SELECTIVELY SEPARATING LIGNOCELLULOSIC BIOMASS INTO PURIFIED COMPONENTS WITH HIGH YIELD
[54] PROCEDE COMPLET POUR SELECTIVEMENT SEPARER UNE BIOMASSE LIGNOCELLULOSIQUE EN CONSTITUANTS PURIFIES A UN RENDEMENT ELEVE
[72] BOZELL, JOSEPH, US
[72] HARPER, DAVID, US
[72] LABBE, NICOLE, US
[72] HOSSEINAEI, OMID, US
[72] RIALS, TIMOTHY, US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
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[30] US (62/043,602) 2014-08-29

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[54] METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER
[54] METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER
[72] WHEELER, LEE ADAM, US
[72] LIEBERMAN, JUDY, US
[72] GILBOA-GEFFEN, ADI, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] SYNTHESE DE CYCLOCREATINE ET DES ANALOGUES DE CELLE-CI
[72] CANTRELL, WILLIAM R., JR., US
[72] BAUTA, WILLIAM E., US
[71] LUMOS PHARMA, INC., US
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[86] 2015-09-01 (PCT/US2015/047880)
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[51] Int.Cl. B65G 7/08 (2006.01)
[25] EN
[54] REEL ROTATION DEVICE FOR USE WITH FIBER OPTIC CABLE STORAGE REEL
[54] DISPOSITIF DE ROTATION DE TOURET A UTILISER AVEC UN TOURET D'ENTREPOSAGE DE CABLE A FIBRES OPTIQUES
[72] GOMEZ, FRANSISCO ADRIAN LEMUS, MX
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2017-02-24
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[25] EN
[54] REUSE OF ACTIVATED CHLOROUS AGENT FOR MEAT AND POULTRY TREATMENT
[54] REUTILISATION D'AGENT CHLOREUX ACTIVE POUR TRAITEMENT DE VIANDE ET DE VOLAILLE
[72] MULLEN, MICHAEL R., US
[72] HAGEMAN, SCOTT D., US
[72] MUSGRAVE, SCOTT A., US
[72] KLEIN, DEBORAH, US
[72] VOGT, PETRA, US
[71] ECOLAB USA INC., US
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[51] Int.Cl. E05D 15/06 (2006.01)
[25] EN
[54] PARTITION DOOR HAVING SOUND ATTENUATING COATING
[54] PORTE DE SEPARATION AYANT UN REVETEMENT D'ATTENUATION DU SON
[72] PROSPERI, MILTON, US
[72] KONDASH, JOSEPH, US
[72] BALAY, JOSEPH, US
[71] CIW ENTERPRISES, INC., US
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[30] US (62/045,489) 2014-09-03

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[25] EN
[54] **TOOL ATTACHMENT AND THROUGH SPINDLE COOLANT SYSTEMS FOR USE WITH ULTRASONIC MACHINING MODULES**
[54] **FIXATION D'OUTIL ET SYSTEMES DE REFROIDISSEMENT PAR BROCHE DESTINES A ETRE UTILISES AVEC DES MODULES D'USINAGE PAR ULTRASONS**
[72] SHORT, MATTHEW A., US
[72] HAY, JACOB, US
[71] EDISON WELDING INSTITUTE, INC., US
[85] 2017-02-24
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[54] **BIOMARKERS FOR DETECTION OF BREAST CANCER**
[54] **BIOMARQUEURS POUR LA DETECTION DU CANCER DU SEIN**
[72] REESE, DAVID E., US
[72] MULPURI, RAO V., US
[72] HENDERSON, MEREDITH C., US
[72] BENSON, KASEY LEE, US
[71] PROVISTA DIAGNOSTICS, INC., US
[85] 2017-02-24
[86] 2015-09-04 (PCT/US2015/048694)
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[51] **Int.Cl. B23B 37/00 (2006.01) B23B 31/20 (2006.01)**
[25] EN
[54] **DEVICES FOR ISOLATING ACOUSTIC VIBRATIONS IN METALWORKING SYSTEMS**
[54] **DISPOSITIFS POUR ISOLER DES VIBRATIONS ACOUSTIQUES DANS DES SYSTEMES DE TRAVAIL DES METAUX**
[72] SHORT, MATTHEW A., US
[72] GRAFF, KARL F., US
[71] EDISON WELDING INSTITUTE, INC., US
[85] 2017-02-24
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[25] EN
[54] **LOW VOC AND HIGH SOLID FLUOROPOLYMER FOR COATING APPLICATIONS**
[54] **POLYMERES FLUORES A FAIBLE TENEUR EN COV ET HAUTE TENEUR EN SOLIDES POUR DES APPLICATIONS DE REVETEMENT**
[72] JIANG, WANCHAO, CN
[72] SINGH, RAJIV RATNA, US
[72] XU, GANG, CN
[72] ZHANG, SIYUAN, CN
[72] LIN, YUN, CN
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. B23B 29/12 (2006.01)**
[25] EN
[54] **HIGH-SPEED ROTARY ELECTRICAL CONNECTOR FOR USE IN ULTRASONICALLY ASSISTED MACHINING**
[54] **CONNECTEUR ELECTRIQUE ROTATIF A HAUTE VITESSE DESTINE A ETRE UTILISE DANS L'USINAGE ASSISTE PAR ULTRASONS**
[72] SHORT, MATTHEW A., US
[72] HAY, JACOB, US
[72] CRONLEY, LANCE S., US
[71] EDISON WELDING INSTITUTE, INC., US
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[25] EN
[54] **SECNIDAZOLE FOR USE IN THE TREATMENT OF BACTERIAL VAGINOSIS**
[54] **SECNIDAZOLE UTILISE DANS LE TRAITEMENT D'UNE VAGINOSE BACTERIENNE**
[72] PENTIKIS, HELEN S., US
[72] PALLING, DAVID, US
[72] BRAUN, CAROL J., US
[71] SYMBIOMIX THERAPEUTICS, LLC, US
[71] SYMBIOMIX THERAPEUTICS, LLC, US
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[54] **SUBCUTANEOUS SENSOR INSERTER AND METHOD**
[54] **DISPOSITIF D'INSERTION DE CAPTEUR SOUS-CUTANE ET PROCEDE ASSOCIE**
[72] PETERSON, THOMAS H., US
[72] CIONEK, SCOTT P., US
[72] FLORINDI, ANTHONY, US
[72] HART, JULIAN L., US
[71] NOVA BIOMEDICAL CORPORATION, US
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[51] **Int.Cl. C07K 7/02 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **TARGETED DELIVERY OF TERTIARY AMINE-CONTAINING DRUG SUBSTANCES**
[54] **ADMINISTRATION CIBLEE DE SUBSTANCES MEDICAMENTEUSES CONTENANT UNE AMINE TERTIAIRE**
[72] BURKE, PATRICK J., US
[72] JEFFREY, SCOTT, US
[72] HAMILTON, JOSEPH Z., US
[71] SEATTLE GENETICS, INC., US
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[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **MEDIA STREAMING METHODS, APPARATUS AND SYSTEMS**
[54] **PROCEDES, APPAREIL ET SYSTEMES DE DIFFUSION EN CONTINU DE CONTENU MULTIMEDIA**
[72] KANUGANTI, SUMAN, US
[72] CHANG, YUJA, US
[72] BOCK, LAWRENCE, US
[71] AIRA TECH CORPORATION, US
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[86] 2015-09-14 (PCT/US2015/050012)
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[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL PROTEIN MOLECULAR WEIGHT LADDERS**
[54] **ECHELLES DE POIDS MOLECULAIRES DE PROTEINES MULTIFONCTIONNELLES**
[72] PADHYE, NISHA, US
[72] SKOPP, ROSE, US
[72] WANG, YING, US
[71] LI-COR, INC., US
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[25] EN
[54] **PROTECTED INDEXING AND QUERYING OF LARGE SETS OF TEXTUAL DATA**
[54] **INDEXATION ET INTERROGATION PROTEGEES DE GRANDS ENSEMBLES DE DONNEES TEXTUELLES**
[72] ROGERS, DANIEL, US
[72] MOORE, MICHAEL, US
[72] BLAZAKIS, DIONYSUS, US
[71] TERBIUM LABS LLC, US
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[51] **Int.Cl. G05B 19/418 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **STANDBY POWER CONTROLLER FOR COMPUTER INSTALLATION**
[54] **CONTROLEUR DE PUISSANCE DE SECOURS POUR INSTALLATION INFORMATIQUE**
[72] GELONESE, DOMENICO, AU
[72] HASKEY, JOHN, AU
[71] EMBERTEC PTY LTD, AU
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[86] 2015-08-26 (PCT/AU2015/000510)
[87] (WO2016/040980)
[30] AU (2014903359) 2014-08-26
[30] AU (2015900275) 2015-01-30
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[51] **Int.Cl. A61K 39/116 (2006.01) A61K 39/106 (2006.01) C07K 1/00 (2006.01)**
[25] EN
[54] **UNIVERSAL PLATFORM FOR TARGETING THERAPIES TO TREAT NEUROLOGICAL DISEASES**
[54] **PLATE-FORME UNIVERSELLE POUR DES THERAPIES DE CIBLAGE POUR TRAITER DES MALADIES NEUROLOGIQUES**
[72] BARBIERI, JOSEPH T., US
[72] CHEN, CHEN, US
[72] PRZEDPELSKI, AMANDA, US
[72] JOHNSON, ERIC A., US
[72] PELLETT, SABINE, US
[71] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **CANNABINOID TYPE 1 RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR CANNABINOIDE DE TYPE 1**
[72] GREIG, IAIN, GB
[72] ZANDA, MATTEO, GB
[72] TSENG, CHIH-CHUNG, GB
[72] ROSS, RUTH, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[85] 2017-02-27
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[30] US (62/042,361) 2014-08-27

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[51] **Int.Cl. A61F 13/49 (2006.01)**
[25] EN
[54] **WEARABLE ARTICLE HAVING ELASTIC BELT**
[54] **ARTICLE POUVANT ETRE PORTE COMPRENANT UNE CEINTURE ELASTIQUE**
[72] MORIMOTO, KOICHI, CN
[72] TONG, LING, CN
[72] CHENG, CHUNMIN, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A61F 13/496 (2006.01)**
[25] EN
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[54] **ARTICLE PORTABLE A CEINTURE ELASTIQUE**
[72] MORIMOTO, KOICHI, CN
[72] TONG, LING, CN
[72] CHENG, CHUNMIN, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/137 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/4045 (2006.01) A61K 31/4192 (2006.01) A61K 31/44 (2006.01) A61K 31/498 (2006.01) A61P 33/02 (2006.01) A61P 33/04 (2006.01) A61P 33/06 (2006.01) C07C 211/27 (2006.01) C07C 241/04 (2006.01) C07C 251/24 (2006.01) C07C 275/68 (2006.01) C07C 279/02 (2006.01) C07C 281/08 (2006.01) C07C 281/18 (2006.01) C07C 337/08 (2006.01) C07D 241/20 (2006.01) C07D 249/14 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING PROTOZOAN INFECTIONS**
[54] **METHODES DE TRAITEMENT D'INFECTIONS A PROTOZOAIRES**
[72] PAGE, STEPHEN, AU
[72] STEVENS, ANDREW, AU
[72] MCCLUSKEY, ADAM, AU
[72] KEENAN, MARTINE, AU
[72] ABRAHAM, REBECCA, AU
[71] NEOCULI PTY LTD, AU
[85] 2017-02-27
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[51] **Int.Cl. B67D 1/07 (2006.01) B08B 9/032 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR CLEANING BEVERAGE DISPENSING SYSTEMS**
[54] **PROCEDE ET SYSTEME POUR LE NETTOYAGE DES SYSTEMES DE DISTRIBUTION DE BOISSONS**
[72] LAWLER, JUSTIN, IE
[72] O'MORAIN, CIARAN, IE
[71] QUALFLOW SYSTEMS LIMITED, IE
[85] 2017-02-27
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[51] **Int.Cl. F21V 7/00 (2006.01)**
[25] EN
[54] **LUMINAIRE & LUMINAIRE COMPONENTS**
[54] **LUMINAIRE ET COMPOSANTS DE LUMINAIRE**
[72] CRONK, PAUL ANDREW, AU
[72] REYNOLDS, CHRISTOPHER, US
[71] HYGRO INTERNATIONAL PTY LIMITED, AU
[85] 2017-02-27
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[30] AU (2014903532) 2014-09-04
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[51] **Int.Cl. A47J 31/44 (2006.01) H04W 4/12 (2009.01) A47J 31/40 (2006.01) G08C 17/02 (2006.01) H04B 5/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED DISPENSING**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION AUTOMATISEE**
[72] MERALI, REHMAN, CA
[72] LEE, BRIAN, CA
[72] GIAMPUZZI, PAUL, CA
[72] HO, COLIN, CA
[72] MITRY, MINA, CA
[71] TBOT INC., CA
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[87] (WO2016/029294)
[30] US (62/042,969) 2014-08-28

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[51] **Int.Cl. C25C 3/12 (2006.01) G06F 19/00 (2011.01) G06T 7/00 (2017.01)**
[25] EN
[54] **DETERMINING DOSING OF BINDING AGENT FOR COMBINING WITH PARTICULATE MATERIAL TO PRODUCE AN ELECTRODE**
[54] **DOSAGE DE DETERMINATION D'AGENT DE LIAISON PERMETTANT LA COMBINAISON AVEC UN MATERIAU PARTICULAIRE POUR PRODUIRE UNE ELECTRODE**
[72] GAGNON, ALEXANDRE, CA
[72] MENARD, YVON, CA
[72] BRIAND, JEAN-FRANCOIS, CA
[72] BACKHOUSE, NIGEL, AU
[72] DUFRENEY, JEAN-MICHEL, FR
[72] GENDRE, MAGALI, AU
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-02-27
[86] 2015-08-25 (PCT/CA2015/050811)
[87] (WO2016/029306)
[30] US (62/043,626) 2014-08-29

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[51] **Int.Cl. B28C 7/16 (2006.01) B28C 5/42 (2006.01)**
[25] EN
[54] **CHUTE FOR CEMENT TRUCK AND METHOD OF FABRICATING A CHUTE FOR A CEMENT TRUCK**
[54] **GOULOTTE DE CAMION MALAXEUR ET PROCEDE DE FABRICATION D'UNE GOULOTTE POUR CAMION MALAXEUR**
[72] MORRISSETTE, SYLVAIN, CA
[71] GROUPE PPD INC., CA
[85] 2017-02-27
[86] 2015-09-03 (PCT/CA2015/050844)
[87] (WO2016/033688)
[30] US (62/045,250) 2014-09-03

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[51] **Int.Cl. G10L 19/04 (2013.01)**
[25] EN
[54] **AUDIO PARAMETER QUANTIZATION**
[54] **QUANTIFICATION DE PARAMETRE AUDIO**
[72] RAMO, ANSSI, FI
[72] VASILACHE, ADRIANA, FI
[72] LAAKSONEN, LASSE JUHANI, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2017-02-27
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[51] **Int.Cl. H02M 7/483 (2007.01)**
[25] EN
[54] **INVERTER**
[54] **ONDULEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[51] **Int.Cl. C07D 487/22 (2006.01) A61K 41/00 (2006.01) A61P 15/00 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHOTOHEXER COMPOUNDS AND PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **COMPOSE D'ETHER PHOTO-HEXYLIQUE, COMPOSITION PHARMACEUTIQUE ET LEUR UTILISATION**
[72] FANG, QICHENG, CN
[72] FANG, WEI, US
[71] RAINBOW PHARMATECH LLC, US
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[72] LIANG, XU, CN
[71] CHEER MASTER TRADING LTD., CN
[85] 2017-02-27
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[54] **SYSTEM AND METHOD FOR SEMI-ORTHOGONAL MULTIPLE ACCESS**
[54] **SYSTEME ET PROCEDE D'ACCES MULTIPLE SEMI-ORTHOGONAL**
[72] JIA, MING, CA
[72] MA, JIANGLEI, CA
[72] ZHU, PEIYING, CA
[72] HU, HAO, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-02-27
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[25] EN
[54] **A PESTICIDE FORMULATION COMPRISING A WATER SOLUBLE ACTIVE INGREDIENT AND A PENETRATION ENHANCER AND USE OF THE SAME**
[54] **FORMULATION PESTICIDE COMPRENANT UN PRINCIPE ACTIF SOLUBLE DANS L'EAU ET UN ACTIVATEUR DE PENETRATION, ET SON UTILISATION**
[72] DOMINIANI, FRANK, US
[72] ANDERSON, DAVID LAWRENCE, US
[71] ROTAM AGROCHEM INTERNATIONAL COMPANY LIMITED, CN
[85] 2017-02-27
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[30] US (14/471,459) 2014-08-28

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[51] **Int.Cl. F03B 15/00 (2006.01) E02B 7/20 (2006.01)**
[25] EN
[54] **ROLLING-DOOR-TYPE LOAD REGULATING DEVICE AND OCEAN ENERGY POWER GENERATING DEVICE USING THE SAME**
[54] **DISPOSITIF DE REGULATION DE CHARGE DE TYPE A PORTE ROULANTE ET DISPOSITIF DE PRODUCTION D'ENERGIE DE L'OCEAN EMPLOYANT LEDIT DISPOSITIF**
[72] LIN, DONG, CN
[72] HUANG, CHANGZHENG, CN
[72] CHEN, ZHENGHAN, CN
[72] XU, QIANCHENG, CN
[71] HANGZHOU LHD INSTITUTE OF NEW ENERGY, LLC, CN
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[54] **COMBINATION THERAPY OF HBV AND HDV INFECTION**
[54] **TRAITEMENT COMBINE D'UNE INFECTION PAR LE VHB ET LE VHD**
[72] ALEXANDROV, ALEXANDER, DE
[71] MYR GMBH, DE
[85] 2017-02-27
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[51] **Int.Cl. C02F 1/50 (2006.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **ANTISEPTIC FORMULATION AND ITS USE**
[54] **PREPARATION ANTISEPTIQUE ET PROCEDE DE PRODUCTION**
[72] DENISOV, ALBERT NIKOLAEVICH, RU
[72] KRUTYAKOV, YURIY ANDREEVICH, RU
[72] KUDRINSKIY, ALEKSEY ALEKSANDROVICH, RU
[72] ZHEREBIN, PAVEL MIKHAILOVICH, RU
[72] KLIMOV, ALEKSEY IGOREVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "NANOBIOTEKH", RU
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[25] EN
[54] **OPTICAL FIBER CONNECTION STRUCTURE AND OPTICAL FIBER CONNECTOR**
[54] **STRUCTURE DE CONNEXION DE FIBRES OPTIQUES ET CONNECTEUR DE FIBRES OPTIQUES**
[72] YAMAGUCHI, TAKASHI, JP
[72] MATSUDA, TAKAHARU, JP
[72] TAKIZAWA, KAZUHIRO, JP
[71] FUJIKURA LTD., JP
[85] 2017-02-27
[86] 2015-08-19 (PCT/JP2015/073207)
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[25] EN
[54] **THICK-WALL OIL-WELL STEEL PIPE AND PRODUCTION METHOD THEREOF**
[54] **TUYAU EN ACIER A PAROI EPAISSE DESTINE AUX PUITS DE PETROLE ET METHODE DE PRODUCTION ASSOCIEE**
[72] ARAI, YUJI, JP
[72] KONDO, KEIICHI, JP
[72] NAGAHASHI, KOJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-02-27
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[25] EN
[54] **INDUCTION HEATING DEVICE FOR METAL STRIP**
[54] **DISPOSITIF DE CHAUFFAGE A INDUCTION POUR BANDE METALLIQUE**
[72] HIROTA, YOSHIAKI, JP
[72] TAIRA, MASATO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-02-27
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[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITION**
[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE**
[72] JOGO, YOSUKE, JP
[72] IKUJI, MASAKI, JP
[71] KURARAY CO., LTD., JP
[85] 2017-02-27
[86] 2015-08-28 (PCT/JP2015/074546)
[87] (WO2016/031992)
[30] JP (2014-175799) 2014-08-29

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[51] **Int.Cl. G08G 1/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **TRAFFIC CONTROL SERVER AND SYSTEM**
[54] **SERVEUR ET SYSTEME DE REGULATION DE TRAFIC**
[72] HAMADA, TOMOYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2017-02-27
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[51] **Int.Cl. H02M 7/12 (2006.01) H02M 7/483 (2007.01)**
[25] EN
[54] **CONVERTER AND POWER CONVERSION DEVICE MANUFACTURED USING THE SAME**
[54] **ONDULEUR ET APPAREIL DE CONVERSION DU COURANT FABRIQUE AU MOYEN DUDIT ONDULEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2017-02-27
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[25] EN
[54] **BONDING APPARATUS AND BONDING METHOD**
[54] **DISPOSITIF DE LIAISON ET PROCEDE DE LIAISON**
[72] TERASAKA, AKIHIRO, JP
[72] ETO, JUN, JP
[72] ISHIDA, YASUNOBU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-02-27
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[25] EN
[54] **MULTIPLEXED SAME TYPE-ANTIGENIC PEPTIDE**
[54] **PEPTIDE ANTIGENIQUE DE MEME TYPE MULTIPLEXE**
[72] MASUDA, KENICHI, JP
[72] ISHII, YASUYUKI, JP
[72] TSUKUI, TOSHIHIRO, JP
[71] RIKEN, JP
[71] ANIMAL ALLERGY CLINICAL LABORATORIES INC., JP
[71] NIPPON ZENYAKU KOGYO CO., LTD., JP
[85] 2017-02-27
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[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITION AND MOLDED ARTICLE**
[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE, ET ARTICLE MOULE**
[72] JOGO, YOSUKE, JP
[72] IKUJI, MASAKI, JP
[71] KURARAY CO., LTD., JP
[85] 2017-02-27
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[51] **Int.Cl. E02F 9/26 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SURROUNDING MONITORING DEVICE OF WORK MACHINE AND METHOD OF MONITORING SURROUNDINGS OF WORK MACHINE**
[54] **DISPOSITIF DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER ET PROCEDE DE SURVEILLANCE DE LA PERIPHERIE POUR ENGIN DE CHANTIER**
[72] MACHIDA, MASAOMI, JP
[72] KURIHARA, TAKESHI, JP
[71] KOMATSU LTD., JP
[85] 2017-02-27
[86] 2016-03-16 (PCT/JP2016/058396)
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[25] EN
[54] **TERMINALS FOR ELECTRICAL CONNECTORS**
[54] **BORNES POUR CONNECTEURS ELECTRIQUES**
[72] DAVIES, BRIAN, US
[72] YORK, CHARLES, US
[71] IDEAL INDUSTRIES, INC., US
[85] 2017-02-27
[86] 2014-09-22 (PCT/US2014/056829)
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[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS TO INHIBIT METASTASIS AND TO TREAT FIBROSIS AND TO ENHANCE WOUND HEALING**
[54] **METHODES ET COMPOSITIONS POUR INHIBER LES METASTASES ET TRAITER UNE FIBROSE AINSI QUE POUR AMELIORER LA CICATRISATION**
[72] SHARP, DAVID, US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2017-02-27
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[54] **CATHETER**
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[71] JAPAN LIFELINE CO., LTD., JP
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[54] **DRIVE THROUGH GROCERY PICKUP**
[54] **RECUPERATION DE PRODUITS D'EPICERIE EN VEHICULE**
[72] SHAFFER, JASON D., US
[72] ULMAN, RACHAEL, US
[72] RAMSDEN, RICHARD, US
[72] CARR, DAVID JON, US
[72] VALENTINE, MARK J., US
[72] PEACH, COREY L., US
[72] RUEHLE, KEVIN A., US
[72] TOVEY, DAVID G., US
[72] FRANKE, TODD W., US
[72] BURLESON, TIMOTHY JAMES, US
[72] MCPHERSON, DANIELLE, US
[72] GEBISA, KULENI, US
[71] WAL-MART STORES, INC., US
[85] 2017-02-27
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[30] US (62/044,837) 2014-09-02

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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **USING MESSAGING ASSOCIATED WITH ADAPTIVE BITRATE STREAMING TO PERFORM MEDIA MONITORING FOR MOBILE PLATFORMS**
[54] **UTILISATION DE MESSAGERIE ASSOCIEE A UNE DIFFUSION CONTINUE ADAPTATIVE A DEBIT BINAIRE POUR REALISER UNE SURVEILLANCE DE CONTENU MULTIMEDIA POUR DES PLATEFORMES MOBILES**
[72] BESEHANIC, JAN, US
[71] THE NIELSEN COMPANY (US), LLC, US
[85] 2017-02-27
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[51] **Int.Cl. C09D 5/03 (2006.01) C09D 167/02 (2006.01)**
[25] EN
[54] **POLYESTER POLYOLS AND USE THEREOF IN POWDER COATINGS**
[54] **POLYOLS DE POLYESTER ET LEUR UTILISATION DANS DES REVETEMENTS EN POUDRE**
[72] MODY, KAMLESH, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2017-02-27
[86] 2015-08-21 (PCT/US2015/046359)
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[25] EN
[54] **METHOD FOR LAYER-BY-LAYER REMOVAL OF DEFECTS DURING ADDITIVE MANUFACTURING**
[54] **PROCEDE D'ELIMINATION DE DEFAUTS COUCHE PAR COUCHE PENDANT LA FABRICATION ADDITIVE**
[72] JONES, JASON C., US
[72] BROOKS, IAN L., GB
[71] MOOG INC., US
[85] 2017-02-27
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[25] EN
[54] **IN-LINE INSPECTION OF OPHTHALMIC DEVICE WITH AUTO-ALIGNMENT SYSTEM AND INTERFEROMETER**
[54] **INSPECTION EN LIGNE DE DISPOSITIF OPHTALMIQUE AVEC UN SYSTEME D'AUTO-ALIGNEMENT ET UN INTERFEROMETRE**
[72] MORLEY, CATIE, US
[72] VOSS, LESLIE A., US
[72] AKERSTROM, MAGNUS, US
[72] CAGLE, KENNETH L., US
[72] ALBANESE, CHARLES, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2017-02-27
[86] 2015-08-25 (PCT/US2015/046670)
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[25] EN
[54] **FLUID EXPANSION CHAMBER WITH PROTECTED BELLOW**
[54] **CHAMBRE DE DETENTE DE FLUIDE A SOUFFLET PROTEGE**
[72] REEVES, BRIAN PAUL, US
[72] WANG, CHENGBAO, US
[72] HOWELL, STEVEN ALAN, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-02-27
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/08 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DIRECTIONAL DRILLING**
[54] **PROCEDE ET SYSTEME DE FORAGE DIRECTIONNEL**
[72] SUMMERS, MATTHEW, US
[72] HILDEBRAND, GINGER VINYARD, US
[72] KOTOVSKY, WAYNE, US
[72] COFFMAN, CHUNLING GU, US
[72] ISANGULOV, RUSTAM, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-02-27
[86] 2015-07-23 (PCT/US2015/041645)
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[30] US (62/042,869) 2014-08-28

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING AND CONTROLLING FLUID MOVEMENT THROUGH A WELLBORE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER ET DE REGULER UN MOUVEMENT DE FLUIDE A TRAVERS UN PUITS DE FORAGE**
[72] ERGE, ONEY, US
[72] HILDEBRAND, GINGER VINYARD, US
[72] KOTOVSKY, WAYNE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-02-27
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[30] US (62/043,341) 2014-08-28

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[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **MULTIPLE SENSOR TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SUIVI A CAPTEURS MULTIPLES**
[72] VOLLBRECHT, JAMES, US
[72] VOLLBRECHT, JOHN, US
[72] TAWWATER, RYAN, US
[71] ORIGIN, LLC, US
[85] 2017-02-27
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[51] **Int.Cl. A01G 31/02 (2006.01) A01G 9/04 (2006.01)**
[25] EN
[54] **VERTICAL AEROPONIC PLANT GROWING ENCLOSURE WITH SUPPORT STRUCTURE**
[54] **ENCEINTE DE CULTURE DE PLANTE AEROPONIQUE VERTICALE A STRUCTURE DE SUPPORT**
[72] MARTIN, DAVID W., US
[72] EVANS, RONALD R., US
[71] INDOOR FARMS OF AMERICA, LLC, US
[85] 2017-02-27
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[30] US (62/030,944) 2014-07-30
[30] US (62/030,950) 2014-07-30
[30] US (62/031,177) 2014-07-31
[30] US (62/032,442) 2014-08-01
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[54] **PROBES FOR IMAGING HUNTINGTIN PROTEIN**
[54] **SONDES D'IMAGERIE DE LA PROTEINE HUNTINGTINE**
[72] DOMINGUEZ, CELIA, US
[72] WITYAK, JOHN, US
[72] BARD, JONATHAN, US
[72] KISELYOV, ALEX, US
[72] BROWN, CHRISTOPHER JOHN, GB
[72] GALAN, SEBASTIEN RENE GABRIEL, GB
[72] PRIME, MICHAEL EDWARD, GB
[72] GILES, PAUL RICHARD, GB
[72] GADOULEAU, ELISE LUCIENNEN PAULETTE, GB
[72] KRULLE, THOMAS MARTIN, GB
[72] CLARK-FREW, DANIEL, GB
[72] JOHNSON, PETER DAVID, GB
[72] COE, SAMUEL, GB
[72] HAYES, SARAH, GB
[71] CHDI FOUNDATION, INC., US
[85] 2017-02-27
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **AUTONOMOUS FLOW CONTROL SYSTEM AND METHODOLOGY**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT AUTONOME ET METHODOLOGIE**
[72] TUNKIEL, ANDRZEJ, NO
[72] MOEN, TERJE, NO
[72] RUDIC, ALEKSANDAR, NO
[72] CHOCHUA, GOCHA, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **MONTURE DE SANGLE POUR PANNEAUX SOLAIRES**
[72] PORT, JONATHAN, US
[71] PORT, JONATHAN, US
[85] 2017-02-27
[86] 2015-08-28 (PCT/US2015/047555)
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[54] **PROBES FOR IMAGING HUNTINGTIN PROTEIN**
[54] **SONDES D'IMAGERIE DE LA PROTEINE HUNTINGTINE**
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[72] WITYAK, JOHN, US
[72] BARD, JONATHAN, US
[72] BROWN, CHRISTOPHER JOHN, GB
[72] PRIME, MICHAEL EDWARD, GB
[72] WEDDELL, DEREK ALEXANDER, GB
[72] WALTER, DARYL SIMON, GB
[72] GILES, PAUL RICHARD, GB
[72] WIGGINTON, IAN JAMES, GB
[72] TAYLOR, MALCOLM GEORGE, GB
[72] GALAN, SEBASTIEN RENE GABRIEL, GB
[72] JOHNSON, PETER DAVID, GB
[72] KRULLE, THOMAS MARTIN, GB
[72] MORAO, INAKI, GB
[72] CLARK-FREW, DANIEL, GB
[71] CHDI FOUNDATION, INC., US
[85] 2017-02-27
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[25] EN
[54] **EARLY LUNG CANCER DETECTION BY DNA METHYLATION PHENOTYPING OF SPUTUM-DERIVED CELLS**
[54] **DETECTION PRECOCE DU CANCER DU POUMON PAR PHENOTYPAGE DE LA METHYLATION DE L'ADN DE CELLULES DERIVEES DES EXPECTORATIONS**
[72] TAJBAKHSH, JIAN, US
[72] MORTAZAVI, FARIBORZ, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNITED STATES GOVERNMENT REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2017-02-27
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[54] **ADMINISTRATION OF KYNURENINE DEPLETING ENZYMES FOR TUMOR THERAPY**
[54] **ADMINISTRATION D'ENZYMES DE DEPLETION DE LA KYNURENINE POUR LE TRAITEMENT D'UNE TUMEUR**
[72] GEORGIOU, GEORGE, US
[72] STONE, EVERETT, US
[72] MARSHALL, NICHOLAS, US
[72] BLAZECK, JOHN, US
[72] LU, WEI-CHENG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **PIXEL ARRAY MEDICAL DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES MEDICAUX A RESEAU DE PIXELS**
[72] KNOWLTON, EDWARD, US
[71] SRGI HOLDINGS, LLC, US
[71] KNOWLTON, EDWARD, US
[85] 2017-02-27
[86] 2015-08-31 (PCT/US2015/047695)
[87] (WO2016/033584)
[30] US (62/044,060) 2014-08-29
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[54] **FIRE RETARDANT MATERIALS AND DEVICES INCLUDING SAME**
[54] **MATERIAUX IGNIFUGES ET DISPOSITIFS LES COMPRENANT**
[72] BHOWMIK, PRADIP K., US
[72] GOSWAMI, KISHOLOY, US
[72] ALAM, MAKSUDUL M., US
[72] HAN, HAESOOK, US
[71] THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS, US
[71] INNOSENSE LLC, US
[85] 2017-02-27
[86] 2015-08-28 (PCT/US2015/047529)
[87] (WO2016/033520)
[30] US (62/043,851) 2014-08-29
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[25] EN
[54] **ARRAYS OF INTEGRATED ANALYTICAL DEVICES**
[54] **RESEAUX DE DISPOSITIFS ANALYTIQUES INTEGRES**
[72] GROT, ANNETTE, US
[72] SAXENA, RAVI, US
[72] LUNDQUIST, PAUL, US
[71] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US
[85] 2017-02-27
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[25] EN
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[54] **PINCE BARIATRIQUE AYANT DES PARTIES SUTURES, DES INSERTS MAGNETIQUES ET UNE COURBURE**
[72] ARMENTEROS, JESUS R., DO
[72] FRENCH, C. KENNETH, US
[72] JACOBS, MOISES, US
[71] ADVANCED BARIATRIC TECHNOLOGY, LLC, US
[85] 2017-02-27
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[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATION OF A GEOGRAPHICALLY RELEVANT RADIO STATION GUIDE AND TRANSMISSION OF SUPPLEMENTAL CONTENT OVER THE INTERNET**
[54] **SYSTEME ET PROCEDE POUR FACILITER UN GUIDE DE STATION RADIO GEOGRAPHIQUEMENT PERTINENT ET POUR TRANSMETTRE UN CONTENU SUPPLEMENTAIRE PAR L'INTERNET**
[72] HUSMANN, BEN, US
[72] BRENNER, PAUL, US
[71] TAGSTATION, LLC, US
[85] 2017-02-27
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[54] **CONTROLLING DATA PROCESSING TASKS**
[54] **COMMANDE DE TACHES DE TRAITEMENT DE DONNEES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[72] WEISS, ADAM, US
[72] ROBERTS, ANDREW F., US
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[72] GOULD, JOEL, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **COMBINATION THERAPY FOR TREATMENT OF CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] GURNEY, AUSTIN, US
[72] YEN, WAN-CHING, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2017-02-27
[86] 2015-08-27 (PCT/US2015/047102)
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[54] **PROBES FOR IMAGING HUNTINGTIN PROTEIN**
[54] **SONDES D'IMAGERIE DE LA PROTEINE HUNTINGTINE**
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[72] WITYAK, JOHN, US
[72] BARD, JONATHAN, US
[72] BROWN, CHRISTOPHER JOHN, GB
[72] KRULLE, THOMAS MARTIN, GB
[72] CLARK-FREW, DANIEL, GB
[72] HAYES, SARAH, GB
[71] CHDI FOUNDATION, INC., US
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[25] EN
[54] **POLYETHERS, POLYAMINES, POLYTHIOETHERS, AND METHODS FOR MAKING SAME**
[54] **POLYETHERS, POLYAMINES, POLYTHIOETHERS, ET LEURS PROCEDES DE FABRICATION**
[72] FOLEY, PATRICK, US
[72] YANG, YONGHUA, US
[71] P2 SCIENCE, INC., US
[85] 2017-02-27
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[54] **PROBES FOR IMAGING HUNTINGTIN PROTEIN**
[54] **SONDES D'IMAGERIE DE LA PROTEINE HUNTINGTINE**
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[72] WITYAK, JOHN, US
[72] BARD, JONATHAN, US
[72] KISELYOV, ALEX, US
[72] BROWN, CHRISTOPHER JOHN, GB
[72] PRIME, MICHAEL EDWARD, GB
[72] JOHNSON, PETER DAVID, GB
[72] CLARK-FREW, DANIEL, GB
[71] CHDI FOUNDATION, INC., US
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[54] **CUSTOMIZABLE PLANT GROWING SYSTEM**
[54] **SYSTEME DE CULTURE DE PLANTES SUR MESURE**
[72] MACKUGLER, CAMERON, US
[71] CLOUDFARM INC., US
[85] 2017-02-27
[86] 2015-09-03 (PCT/US2015/048436)
[87] (WO2016/037011)
[30] US (62/046,362) 2014-09-05

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[54] **NUCLEIC ACID EXTRACTION USING ORGANIC SOLVENTS TO REMOVE INHIBITORS**
[54] **EXTRACTION D'ACIDE NUCLEIQUE A L'AIDE DE SOLVANTS ORGANIQUES POUR ELIMINER DES INHIBITEURS**
[72] CHEN, LI, US
[72] STEVENS, JODIE, US
[72] SCHWAB, KRISTEN, US
[72] BOONE, JAMES, US
[72] LYERLY, DAVID, US
[71] TECHLAB, INC., US
[85] 2017-02-27
[86] 2015-09-04 (PCT/US2015/048628)
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[51] **Int.Cl. F03B 13/10 (2006.01) F03B 13/26 (2006.01) F03B 15/00 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE OPERATION A SUBMERSIBLE POWER PLANT**
[54] **PROCEDE POUR COMMANDER LE FONCTIONNEMENT D'UNE CENTRALE DE PRODUCTION D'ENERGIE SUBMERSIBLE**
[72] DOLERUD, ERIK, SE
[72] QUAPPEN, ARNE, SE
[72] NORINDER, CHRISTIAN, SE
[72] ANDERSSON, MATTIAS, SE
[71] MINESTO AB, SE
[85] 2017-02-24
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[51] **Int.Cl. A61K 8/64 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR MITIGATING SKIN IRRITATION**
[54] **COMPOSITIONS ET METHODES POUR ATTENUER L'IRRITATION CUTANEE**
[72] WOLF, CHRISTOPHER A., US
[72] TITTL, JESSICA R., US
[71] GOJO INDUSTRIES, INC., US
[85] 2017-02-27
[86] 2015-09-14 (PCT/US2015/049890)
[87] (WO2016/040918)
[30] US (62/049,649) 2014-09-12

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[51] **Int.Cl. H02G 3/08 (2006.01)**
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[54] **FLOOR POWER DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE AU SOL**
[72] JONES, DAVID K., US
[72] PAYNE, JAMIE, US
[72] HOLSTEGE, CODY JAY, US
[72] SCHNEIDER, MARK ANDREW, US
[71] STEELCASE INC., US
[85] 2017-02-27
[86] 2015-09-14 (PCT/US2015/049982)
[87] (WO2016/040943)
[30] US (62/049,483) 2014-09-12
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[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **TISSUE CLOSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FERMETURE DE TISSU**
[72] MARSHALL, KEVIN, AU
[71] ROFFE MEDICAL HOLDINGS PTY LTD, AU
[85] 2017-02-28
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[30] AU (2014904442) 2014-11-05

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[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/4035 (2006.01) A61K 31/41 (2006.01) A61K 31/4192 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01)**
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[54] **ANTIVIRAL AGENTS AND USES THEREOF**
[54] **AGENTS ANTIVIRAUX ET LEURS UTILISATIONS**
[72] VON ITZSTEIN, MARK, AU
[72] EL-DEEB, IBRAHIM, AU
[72] DIRR, LARISSA, AU
[72] GUILLON, PATRICE, AU
[72] WINGER, MORITZ, AU
[71] GRIFFITH UNIVERSITY, AU
[85] 2017-02-28
[86] 2015-09-07 (PCT/AU2015/050526)
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[30] NL (2013420) 2014-09-05

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[51] **Int.Cl. H04W 4/24 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR PROCESSING LOW-BALANCE DATA SESSION REQUESTS**
[54] **PROCEDE, SYSTEME ET APPAREIL DESTINES A TRAITER DES DEMANDES DE SESSION DE DONNEES DE SOLDE BAS**
[72] SOOD, CHRISAMAN, IN
[71] REDKNEE INC., CA
[85] 2017-02-28
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[51] **Int.Cl. H04W 8/08 (2009.01) H04W 4/24 (2009.01) H04W 76/00 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MANAGING COMMUNICATION SESSIONS USING JOINT STORAGE**
[54] **PROCEDE, SYSTEME ET APPAREIL DE GESTION DE SESSIONS DE COMMUNICATIONS UTILISANT UN STOCKAGE COMMUN**
[72] JUNG, MICHAEL, DE
[71] REDKNEE INC., CA
[85] 2017-02-28
[86] 2014-10-10 (PCT/CA2014/000738)
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[51] **Int.Cl. G01N 33/53 (2006.01)**
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[54] **AN IMMUNOLOGICAL ASSAY TO DETECT AND QUANTIFY ACETYLAMANTADINE**
[54] **ESSAI IMMUNOLOGIQUE PERMETTANT DE DETECTER ET DE QUANTIFIER L'ACETYLAMANTADINE**
[72] CHENG, BRIAN, US
[71] BIOMARK TECHNOLOGIES INC., CA
[85] 2017-02-28
[86] 2014-08-29 (PCT/CA2014/050833)
[87] (WO2015/027345)
[30] US (61/871,642) 2013-08-29

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[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING A TARGET AUDIENCE IN A SOCIAL DATA NETWORK**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'UN PUBLIC CIBLE DANS UN RESEAU DE DONNEES SOCIALES**
[72] KIM, EDWARD DONG-JIN, CA
[72] PADMANABHAN, KANCHANA, CA
[71] SYSOMOS L.P., CA
[85] 2017-02-28
[86] 2015-09-09 (PCT/CA2015/050869)
[87] (WO2016/037277)
[30] US (62/048,612) 2014-09-10

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[51] **Int.Cl. E04H 12/24 (2006.01) E04H 12/10 (2006.01) H02G 7/20 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION TOWER**
[54] **TOUR DE TRANSMISSION DE PUISSANCE**
[72] MA, BIN, CN
[72] YU, JIE, CN
[72] QIU, YONG, CN
[71] JIANGSU SHENMA ELECTRIC CO., LTD., CN
[85] 2017-02-28
[86] 2015-08-31 (PCT/CN2015/088610)
[87] (WO2016/034093)
[30] CN (201410441344.6) 2014-09-01

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[25] EN
[54] **ANTI-PD-L1 CONJUGATES FOR TREATING TUMORS**
[54] **CONJUGUES ANTI-PD-L1 POUR LE TRAITEMENT DES TUMEURS**
[72] LI, LIXIN, CN
[72] LAU, WALTER, CN
[71] BIRDIE BIOPHARMACEUTICALS, INC., KY
[85] 2017-02-28
[86] 2015-08-29 (PCT/CN2015/088456)
[87] (WO2016/034085)
[30] CN (201410440824.0) 2014-09-01

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[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01) B01D 53/18 (2006.01)**
[25] EN
[54] **DESULFURIZATION DEVICE**
[54] **DISPOSITIF DE DESULFURATION**
[72] NAITO, TOSHIYUKI, JP
[71] IHI CORPORATION, JP
[85] 2017-02-28
[86] 2015-05-19 (PCT/JP2015/064382)
[87] (WO2016/035392)
[30] JP (2014-179821) 2014-09-04

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[51] **Int.Cl. A61K 36/185 (2006.01) A61K 8/97 (2017.01) A61P 37/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **EURYCOMA LONGIFOLIA EXTRACT AND ITS USE IN ENHANCING AND/OR STIMULATING IMMUNE SYSTEM**
[54] **EXTRAIT D'EURYCOMA LONGIFOLIA ET SON UTILISATION DANS L'AMELIORATION ET/OU LA STIMULATION DU SYSTEME IMMUNITAIRE**
[72] GEORGE, ANNIE, MY
[72] KAWASAKI, YUUKI, JP
[72] ABAS, AZREENA, MY
[71] BIOTROPICS MALAYSIA BERHAD, MY
[85] 2017-02-28
[86] 2015-08-28 (PCT/MY2015/050094)
[87] (WO2016/036232)
[30] US (62/045,963) 2014-09-04

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[25] EN
[54] **PROFILE BAR SCREEN FOR DIGESTER VESSELS**
[54] **GRILLE PROFILEE A BARREAUX POUR CUVES DE LESSIVEUR**
[72] OTTOSSON, PER-ANDERS, SE
[72] SODERMAN, JERK, SE
[71] VALMET AB, SE
[85] 2017-02-28
[86] 2015-08-27 (PCT/SE2015/050907)
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[30] SE (1451015-0) 2014-09-01

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[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/12 (2006.01)**
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[54] **USE OF CARBONATES AS WELLBORE TREATMENT**
[54] **UTILISATION DE CARBONATES COMME TRAITEMENT POUR PUITS DE FORAGE**
[72] MCDANIEL, CATO RUSSELL, US
[72] SHUMWAY, BILL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-28
[86] 2014-09-29 (PCT/US2014/058026)
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[51] **Int.Cl. G07C 7/00 (2006.01) G01F 23/00 (2006.01) G01F 23/14 (2006.01) G01F 23/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING VOLUME OF FLUID IN A TANK**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UN VOLUME DE FLUIDE DANS UN RESERVOIR**
[72] STEVENSON, DAVID L., US
[72] BONES, SARAH, US
[71] S1 TECHNOLOGIES, INC., US
[85] 2017-02-28
[86] 2014-10-30 (PCT/US2014/063266)
[87] (WO2015/066387)
[30] US (61/897,426) 2013-10-30
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[54] **DETERMINATION DE LA CONCENTRATION EN OXOANION A L'AIDE DE REACTIFS D'ALUMINIUM**
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[72] DAVIS, RONALD V., US
[71] ECOLAB USA INC., US
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[54] **SEPARATION OF CALCIUM CARBONATE EGGSHELLS FROM ORGANIC MEMBRANE**
[54] **SEPARATION DU CARBONATE DE CALCIUM DE COQUILLES D'□UF D'UNE MEMBRANE ORGANIQUE**
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[72] KWINTER, SEAN, CA
[72] VREUGDENHIL, ANDREW, CA
[71] TOMAN, MARK, CA
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[54] **ADJONCTION DE REACTIFS A BASE D'ALUMINIUM A DES FLUX D'EAU CONTENANT DES OXYANIONS**
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[71] ECOLAB USA INC., US
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[54] **RESTORATION DENTAL IMPLANT SYSTEM AND METHOD**
[54] **SYSTEME D'IMPLANT DENTAIRE DE RESTAURATION ET PROCEDE CORRESPONDANT**
[72] DAFTARY, FEREIDOUN, US
[72] BAHAT, ODED, US
[71] DAFTARY, FEREIDOUN, US
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[54] **IMPROVED COMPOSITIONS AND METHODS FOR BOROCARBOHYDRATE COMPLEXES**
[54] **COMPOSITIONS AMELIOREES ET PROC□DES DE PREPARATION DE COMPLEXES BOROCARBOHYDRATE**
[72] HUNTER, JOHN M., US
[71] VDF FUTURECEUTICALS, INC., US
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[54] **REFORMING CATALYST AND A METHOD OF PREPARATION THEREOF**
[54] **CATALYSEUR DE REFORMAGE ET SON PROCEDE DE PREPARATION**
[72] SHARMA, NAGESH, IN
[72] KUMAR, AJAY, IN
[72] KATRAVULAPALLI, VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY, IN
[72] METTU, ANILKUMAR, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] JASRA, RAKSH VIR, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
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[54] **OPTIMIZING MATRIX ACIDIZING TREATMENT**
[54] **OPTIMISATION D'UN TRAITEMENT D'ACIDIFICATION DE MATRICE**
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[72] ALAM, MOHAMMED MONSUR, BD
[71] HALLIBURTON ENERGY SERVICES INC., US
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[54] **CAPSULE BASED SYSTEM FOR PREPARING AND DISPENSING A BEVERAGE**
[54] **SYSTEME A BASE DE CAPSULE PERMETTANT DE PREPARER ET DE DISTRIBUER UNE BOISSON**
[72] LO FORO, GIAN MATTEO, US
[72] LAVERACK, JOHN R., US
[72] SHENTU, YUANLI, US
[72] WESEMAN, KURT R., US
[72] RIEHM, GEORGE E., US
[72] WEAVER, GREG, US
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[54] **POLYMERIC METAL CROSSLINKER FOR SHEAR TOLERANT FRACTURING FLUID APPLICATION**
[54] **AGENT DE RETICULATION METALLIQUE POLYMERE DESTINE A ETRE UTILISE DANS UN FLUIDE DE FRACTURATION TOLERANT AU CISAILLEMENT**
[72] SINGH, DIPTI, US
[72] WEAVER, JIM D., US
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[54] **FURNITURE MEMBER WITH POWERED MECHANISM PROVIDING LIFT AND ZERO GRAVITY POSITIONS**
[54] **ELEMENT DE MOBILIER AVEC MECANISME MOTORISE FOURNISSANT DES POSITIONS DE LEVAGE ET DE GRAVITE NULLE**
[72] HEGEDUS, ALEXANDER M., US
[72] HARWOOD, ERIC B., US
[71] LA-Z-BOY INCORPORATED, US
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[54] **COMPOSITE AIR BEARING ASSEMBLY**
[54] **ENSEMBLE PALIER A AIR COMPOSITE**
[72] VAN DER STEUR, GUNNAR, US
[72] CICHOCKI, JOSEPH, US
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[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] CHEN, WEI, US
[72] WANG, LONGCHENG, US
[72] JIA, ZHAOZHONG J., US
[71] PHARMACYCLICS LLC, US
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[54] **SYSTEME DE TRANSFERT DE TRANSPORTEUR A SOULEVEMENT AUTOMATIQUE**
[72] LEE, BRIAN R., US
[71] LAITRAM, L.L.C., US
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[54] **UTILITY METER HAVING A METER REGISTER UTILIZING A MULTIPLE RESONANCE ANTENNA**
[54] **COMPTEUR DE SERVICES PUBLICS POSSEDANT UN ENREGISTREUR DE COMPTEUR UTILISANT UNE ANTENNE A RESONANCE MULTIPLE**
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[72] TWINA, YOSI, IL
[72] KEMELMAN, YONATAN, IL
[72] GREENBERG, MANNY, IL
[71] ARAD MEASURING TECHNOLOGIES LTD., IL
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[54] **FURNITURE MEMBER AND POWER RECLINE AND LIFT MECHANISM**
[54] **ELEMENT DE MEUBLE ET MECANISME D'INCLINAISON ET DE LEVAGE MOTORISE**
[72] LAPOINTE, LARRY P., US
[71] LA-Z-BOY INCORPORATED, US
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[54] **HAMMERLESS PIN ASSEMBLY**
[54] **ENSEMBLE GOUPILLE SANS MARTEAU**
[72] HEAPHY, PAUL, AU
[72] DARE, MICHAEL, AU
[72] QIAN, JUNBO, AU
[71] ESCO CORPORATION, US
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[54] **COMBINED ULTRAVIOLET AND OZONE FLUID STERILIZATION SYSTEM**
[54] **SYSTEME DE STERILISATION DE FLUIDE COMBINANT OZONE ET ULTRAVIOLET**
[72] DENKEWICZ, RAY, US
[72] SAWYER, DOUGLAS, US
[72] CARTER, JAMES, US
[72] STONE, JON, US
[72] RENIGAR, SETH, US
[72] ENGELHARD, ROLF, US
[71] HAYWARD INDUSTRIES, INC., US
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[54] **METHOD AND SYSTEM FOR OPTIMIZING COKE PLANT OPERATION AND OUTPUT**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION DU FONCTIONNEMENT ET DE LA PRODUCTION D'UNE INSTALLATION DE COKE**
[72] QUANCI, JOHN FRANCIS, US
[72] CHOI, CHUN WAI, US
[72] BALL, MARK ANTHONY, US
[72] MOUNTS, DEXTER JUNIOR, US
[72] GRIFFEY II, ROY JIMMY, US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
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[54] **SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES**
[54] **PROCEDE D'ECHANTILLONNAGE SELECTIF A BASE DE RESONANCE MAGNETIQUE POUR L'EVALUATION DE FREQUENCES SPATIALES STRUCTURELLES**
[72] CHASE, DAVID R., US
[72] JAMES, TIMOTHY W., US
[72] JAMES, KRISTIN E., US
[71] BIOPROTONICS LLC, US
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[54] **COMPOSITIONS AND METHODS FOR THE INHIBITION OF CHONDROGENESIS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT L'INHIBITION DE LA CHONDROGENESE**
[72] PACIFICI, MAURIZIO, US
[72] HUEGEL, JULIANNE, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[54] **COMPOUND TARGETING IL-23A AND TNF-ALPHA AND USES THEREOF**
[54] **COMPOSE CIBLANT IL-23A ET TNF-ALPHA, ET SES UTILISATIONS**
[72] BARRETT, RACHEL REBECCA, US
[72] JOHNSON, LESLIE S., US
[72] SINGH, SANJAYA, US
[72] LAST-BARNEY, KATHLEEN, US
[72] SHIH, DAW-TSUN, US
[72] GIBLIN, PATRICIA, US
[72] BRODEUR, SCOTT, US
[72] NAGARAJA, NELAMANGALA, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[71] MACROGENICS, INC., US
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[54] **MULTI-AXIS ADJUSTABLE EXERCISE MACHINE**
[54] **MACHINE D'EXERCICE REGLABLE A AXES MULTIPLES**
[72] LAGREE, SEBASTIEN ANTHONY LOUIS, US
[72] COX, SAMUEL, US
[72] REMUND, TODD, US
[71] LAGREE TECHNOLOGIES, INC., US
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[30] US (62/004,936) 2014-05-30
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[54] **HUMIDIFYING DEVICE**
[54] **DISPOSITIF D'HUMIDIFICATION**
[72] OSADA, YASUO, JP
[72] NITTA, KAZUFUKU, JP
[72] NITTA, DAN, JP
[72] NAKANE, SHINICHI, JP
[71] METRAN CO., LTD., JP
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR RECOMBINATION A GENE-DEFICIENT STRAINS OF AGROBACTERIUM TUMEFACIENS**
[54] **PROCEDES ET COMPOSITIONS DE RECOMBINAISON DE SOUCHES DEFICIENTES EN GENES D'AGROBACTERIUM TUMEFACIENS**
[72] GUPTA, MANJU, US
[72] BENNETT, SARA, US
[72] KUMAR, SANDEEP, US
[72] MERLO, DONALD, US
[72] SARDESAI, NAGESH, US
[71] DOW AGROSCIENCES LLC, US
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[54] **SYSTEMS AND METHODS FOR SUPPORTING TELESCOPING ELEMENTS**
[54] **SYSTEMES ET PROCEDES POUR SUPPORTER DES ELEMENTS TELESCOPIQUES**
[72] PITTENS, JACOBUS JOSEF, CA
[72] WOODWARD, BRADLEY JAMES, CA
[72] PARK, STEVEN ANDREW, CA
[71] NINE POINT EIGHT INC., CA
[85] 2017-02-23
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[25] EN
[54] **SYSTEM AND PROCESS FOR ANALYZING, QUALIFYING AND INGESTING SOURCES OF UNSTRUCTURED DATA VIA EMPIRICAL ATTRIBUTION**
[54] **SYSTEME ET PROCEDE D'ANALYSE, DE QUALIFICATION ET D'INGESTION DE SOURCES DE DONNEES NON STRUCTUREES PAR LE BIAIS D'UNE ATTRIBUTION EMPIRIQUE**
[72] SCRIFFIGNANO, ANTHONY J., US
[72] SUNBHANICH, YIEM, US
[72] DAVIES, ROBIN FRY, US
[72] MATTHEWS, WARWICK, AU
[71] THE DUN & BRADSTREET CORPORATION, US
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[54] **SLICK-WATER FRACTURING USING TIME RELEASE METAL-COMPLEXING AGENT**
[54] **FRACTURATION A L'EAU LUBRIFIANTE A L'AIDE D'UN AGENT COMPLEXANT A LIBERATION PROLONGEE**
[72] CONWAY, ANDREW BRYCE, US
[71] FLEX-CHEM HOLDING COMPANY, LLC, US
[85] 2017-02-28
[86] 2015-09-04 (PCT/US2015/048634)
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[30] US (62/045,967) 2014-09-04

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[51] **Int.Cl. E21B 37/06 (2006.01)**
[25] EN
[54] **MAGNETIC DEPOSITION PREVENTION SUBASSEMBLY AND METHOD OF USE**
[54] **SOUS-ENSEMBLE DE PREVENTION DE DEPOT MAGNETIQUE ET PROCEDE D'UTILISATION**
[72] PERIO, DUDLEY J., JR., US
[71] PIPELINE PROTECTION GLOBAL LLC, US
[85] 2017-02-28
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[54] **CLASSIFICATION OF TOUCH INPUT AS BEING UNINTENDED OR INTENDED**
[54] **CLASSIFICATION D'ENTREE TACTILE COMME ETANT NON INTENTIONNELLE OU INTENTIONNELLE**
[72] DUROJAIYE, OLUMUYIWA M., US
[72] ABZARIAN, DAVID, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
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[54] **TEST DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ANALYSE**
[72] CHANDLER, HOWARD MILNE, AU
[71] CLINICAL GENOMICS PTY LTD, AU
[85] 2017-03-01
[86] 2015-08-31 (PCT/AU2015/050510)
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[30] US (62/044,804) 2014-09-02

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[51] **Int.Cl. H04N 19/436 (2014.01) H04N 19/17 (2014.01) H04N 19/174 (2014.01)**
[25] EN
[54] **RULES FOR INTRA-PICTURE PREDICTION MODES WHEN WAVEFRONT PARALLEL PROCESSING IS ENABLED**
[54] **REGLES POUR MODES DE PREDICTION INTRA-IMAGE LORSQU'UN TRAITEMENT PARALLELE DE FRONTS D'ONDE EST ACTIVE**
[72] LI, BIN, CN
[72] XU, JIZHENG, CN
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-03-01
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[25] EN
[54] **QUINOLONE COMPOUND AND USE THEREOF**
[54] **COMPOSE DE QUINOLINE ET SES APPLICATIONS**
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[72] WANG, XIAOJUN, CN
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[54] **COMPOSE PYRAZOLOTHIAZOLE ET MEDICAMENT**
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[54] **ANALYSE D'UN ECHANTILLON AVEC UNE CONSTRUCTION COMPRENANT UN FRAGMENT FLUORESCENT ET UN FRAGMENT MAGNETIQUE**
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[72] RONINSON, IGOR B., US
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[71] UNIVERSITY OF SOUTH CAROLINA, US
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[54] **APPAREILLAGE ET METHODE DE POSITIONNEMENT D'ERGOT D'ALIMENTATION**
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[72] MAALEJ, SIRINE, CA
[72] SHUTE, BRODIE, CA
[72] GROMADZKI, BRYAN, CA
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[54] **APPAREILLAGE REGLABLE ET ECRASABLE DESTINE AU CHARGEMENT ET AU DECHARGEMENT DE PLATEFORMES DE CHARGEMENT DE CAMION**
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[54] **MECANISMES DE FERMETURE DE CONTENANTS DISTRIBUTEURS DE LIQUIDE ET METHODES DE FABRICATION ET UTILISATION DE TELS MECANISMES DE FERMETURE**
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[72] FRIEL, RAWAN, US
[72] HARTMAN, JESSE, US
[72] PARVE, TERRY, US
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[54] **UTILISATION DE SOUFRE FERREUX POUR L'ELIMINATION DU SELENIUM DANS LES GAZ**
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[72] MCCULLOUGH, THOMAS P., US
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[71] REDOX TECHNOLOGY GROUP LLC, US
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[54] **RANGEMENT DE DOUCHE AJUSTABLE VERTICALEMENT ET METHODE DE MISE EN TENSION DUDIT RANGEMENT**
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[54] **EBAUCHE ET METHODES DE CONSTRUCTION D'UN CONTENANT VENTILE A PARTIR DE L'EBAUCHE**
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[72] SHANTON, KENNETH JOHN, US
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[54] **METHODE DE GRAVURE D'UNE PIECE EN PLASTIQUE**
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[54] **APPAREIL POUR INDEXER ET AGITER DES RECIPIENTS DE FLUIDE**
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[54] **PROCEDES ET SYSTEMES POUR LA RECUPERATION DE CO2 GAZEUX DANS DES INSTALLATIONS DE FABRICATION DE CIMENT ET PROCEDES DE FABRICATION DE CIMENT**
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[72] HIGUCHI, NAOHIRO, JP
[72] TAKAYAMA, YOSHINORI, JP
[72] KOMATSU, TAKUYA, JP
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[54] **OBJET A TG VARIABLE, SON PROCEDE DE FABRICATION ET SON UTILISATION**
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[71] BAKER HUGHES INCORPORATED, US
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[72] COLLYER, BRENT, US
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[51] **Int.Cl. B65D 75/20 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **STRUCTURES AND COMPOSITIONS INCREASING THE STABILITY OF PEROXIDE ACTIVES**
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[72] GOODHART, LESLE MARIE, US
[72] BERNHEIM, SUE ELLEN, US
[72] SAGEL, PAUL ALBERT, US
[72] RALSTON, CHRISTOPHER SCOTT, US
[72] WALDEN, GARY LYLE, US
[72] SHAHIDI, HOOMAN, US
[72] SUNBERG, RICHARD JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2001-06-14
[41] 2002-01-03
[62] 2,880,654
[30] US (09/605,774) 2000-06-28
[30] US (09/605,220) 2000-06-28
[30] US (09/675,767) 2000-09-29

[21] **2,958,499**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHODS FOR IMPLEMENTING A PROMOTIONAL REWARD PROGRAM**
[54] **METHODES POUR LA MISE EN OEUVRE D'UN PROGRAMME DE RECOMPENSE PROMOTIONNELLE**
[72] GALINOS, JOHN, US
[71] TPG REWARDS INC., US
[22] 2007-12-19
[41] 2008-06-20
[62] 2,615,405
[30] US (11/643,234) 2006-12-20

[21] **2,958,635**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SEED HOPPER FOR SEED METERING SYSTEM HAVING MODULAR SEED METERING UNITS**
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[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-07-11
[41] 2012-07-06
[62] 2,745,937
[30] US (12/985,483) 2011-01-06

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
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[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-07-11
[41] 2012-07-06
[62] 2,745,937
[30] US (12/985,483) 2011-01-06

[21] **2,958,669**
[13] A1
[51] **Int.Cl. G06Q 50/24 (2012.01)**
[25] EN
[54] **INDIVIDUAL HEALTH RECORD SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL D'ENREGISTREMENT D'UN ETAT DE SANTE INDIVIDUEL**
[72] KORPMAN, RALPH, US
[72] POST, CINDY A., US
[72] HILADO, RUDY R., US
[72] CLEGG, W. RANDAL, US
[71] KORPMAN, RALPH, US
[71] POST, CINDY A., US
[71] HILADO, RUDY R., US
[71] CLEGG, W. RANDAL, US
[22] 2007-09-26
[41] 2008-04-03
[62] 2,664,360
[30] US (60/826,967) 2006-09-26

[21] **2,958,697**
[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SEPARATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SEPARATION DU DIOXYDE DE CARBONE**
[72] HALL, JOHN C., US
[72] GALASSO, D. ANTHONY, US
[72] MAGNUSON, JON A., US
[71] THE BOEING COMPANY, US
[22] 2013-03-07
[41] 2013-09-29
[62] 2,808,805
[30] US (61/617554) 2012-03-29
[30] US (61/617574) 2012-03-29
[30] US (13/767115) 2013-02-14

[21] **2,958,716**
[13] A1
[51] **Int.Cl. B67D 7/82 (2010.01) B67D 7/32 (2010.01) B67D 7/42 (2010.01) B67D 7/84 (2010.01) F16L 53/00 (2006.01)**
[25] EN
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[72] KRETZLER, RANDAL SCOTT, US
[72] REITER, JEFFREY, US
[72] HOLMES, DANIEL, US
[72] LARSSON, BENGT I., SE
[71] WAYNE FUELING SYSTEMS LLC, US
[22] 2015-04-13
[41] 2015-10-22
[62] 2,946,196
[30] US (61/981,577) 2014-04-18
[30] US (14/286,405) 2014-05-23
[30] US (62/078,220) 2014-11-11
[30] US (14/568,729) 2014-12-12
[30] US (14/678,486) 2015-04-03

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C07H 21/04 (2006.01) C07K 14/775 (2006.01)**
[25] EN
[54] **ANTISENSE MODULATION OF APOLIPOPROTEIN C-III EXPRESSION**
[54] **MODULATION ANTISENS DE L'EXPRESSION DE L'APOLIPOPROTEINE C III**
[72] CROOKE, ROSANNE M., US
[72] GRAHAM, MARK J., US
[72] LEMONIDIS TARBET, KRISTINA M., US
[72] DOBIE, KENNETH W., US
[71] IONIS PHARMACEUTICALS, INC., US
[22] 2004-04-15
[41] 2004-11-04
[62] 2,522,560
[30] US (10/418,780) 2003-04-16

[21] **2,958,968**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **SAFETY PEN NEEDLE ASSEMBLY**
[54] **ENSEMBLE AIGUILLE DE STYLO SECURISE**
[72] RUAN, TIEMING, US
[72] BANIK, ROBERT, US
[72] ZAIKEN, ELIOT, US
[72] QUINN, MICHAEL VINCENT, US
[72] SEARLE, GARY, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2009-08-17
[41] 2010-02-18
[62] 2,733,932
[30] US (61/089,335) 2008-08-15

[21] **2,959,029**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **SIDING SPACER AND VENTILATION MEANS FOR OUTER WALLS**
[54] **ENTRETOISE DE PAREMENT ET MOYEN DE VENTILATION POUR MURS EXTERIEURS**
[72] JOHNSON, JAY A., US
[72] CONROY, MICHAEL D., US
[72] DANIELS, KURT D., US
[71] JOHNSON, JAY A., US
[71] CONROY, MICHAEL D., US
[71] DANIELS, KURT D., US
[22] 2006-12-05
[41] 2007-06-14
[62] 2,898,061
[30] US (11/297,543) 2005-12-08
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[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **INTEGRATED HUMIDIFIER CHAMBER AND LID**
[54] **CHAMBRE ET COUVERCLE D'HUMIDIFICATEUR INTEGRES**
[72] SALMON, ANDREW, NZ
[72] WORTHINGTON, STEVEN JOHN, NZ
[72] DICKINSON, PHILIP, NZ
[72] SUN, YI-CHENG, NZ
[72] HAXTON, CAMERON JON, NZ
[72] POTHARAJU, VENKATA SUBBARAO, NZ
[72] STANTON, CHRISTIE JAYNE, NZ
[72] BRISCOE, HAYDEN, NZ
[72] FREW, SAMUEL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2007-10-31
[41] 2008-05-15
[62] 2,881,603
[30] US (60/864,501) 2006-11-06
[30] NZ (560235) 2007-07-30

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[51] **Int.Cl. C12P 19/00 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01) D21C 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONVERSION OF CELLULOSIC MATERIAL TO ETHANOL**
[54] **PROCEDE ET APPAREIL DE CONVERSION DE MATIERE CELLULOSIQUE EN ETHANOL**
[72] HOLM CHRISTENSEN, BORGE, DK
[72] HOLM GERLACH, LENA, DK
[71] INBICON A/S, DK
[22] 2006-07-19
[41] 2007-01-25
[62] 2,831,082
[30] EP (05015641.3) 2005-07-19
[30] US (60/700,323) 2005-07-19

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **COST-BASED COMMUNITY FEEDBACK**
[54] **RETROACTION DE COMMUNAUTE BASEE SUR LE COUT**
[72] OMIDYAR, PIERRE, US
[71] OMIDYAR NETWORK COMMONS, LLC, US
[22] 2005-07-01
[41] 2007-01-11
[62] 2,613,358

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[21] **2,959,377**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01) G01N 15/06 (2006.01) G08B 17/103 (2006.01)**
[25] EN
[54] **PARTICLE DETECTION**
[54] **DETECTION DE PARTICULES**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] AJAY, KEMAL, AU
[71] GARRETT THERMAL SYSTEMS LIMITED, GB
[22] 2009-06-10
[41] 2009-12-17
[62] 2,727,113
[30] AU (2008902909) 2008-06-10
[30] AU (2008903268) 2008-06-26
[30] AU (2008903269) 2008-06-26
[30] AU (2008903270) 2008-06-26
[30] AU (2009901923) 2009-05-01

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[13] A1
[51] **Int.Cl. C12N 11/08 (2006.01) C12N 5/071 (2010.01) C12M 3/00 (2006.01) C12M 3/04 (2006.01) C12N 11/02 (2006.01)**
[25] EN
[54] **METHODS, SURFACE MODIFIED PLATES AND COMPOSITIONS FOR CELL ATTACHMENT, CULTIVATION AND DETACHMENT**
[54] **PROCEDES, PLAQUES A SURFACE MODIFIEE ET COMPOSITIONS PERMETTANT LA FIXATION, LA CULTURE ET LE DETACHEMENT DE CELLULES**
[72] FRYER, BENJAMIN, US
[72] NELSON, SHELLEY, US
[72] NIELSEN, VILLY, US
[72] BREVIG, THOMAS, US
[72] MARWOOD, TINA KRISTENSEN, US
[71] CENTOCOR ORTHO BIOTECH INC., US
[22] 2009-02-19
[41] 2009-08-27
[62] 2,715,878
[30] US (61/030,544) 2008-02-21

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[21] **2,959,407**
[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) A61H 33/00 (2006.01) F24H 1/20 (2006.01) H02J 4/00 (2006.01) H02J 7/00 (2006.01) H02J 7/35 (2006.01) H05B 1/00 (2006.01)**
[25] EN
[54] **HEATING SYSTEM FOR BATHING UNIT**
[54] **SYSTEME DE CHAUFFAGE POUR ENSEMBLE DE BAIN**
[72] AUTHIER, MICHEL, CA
[71] GROUPE GECKO ALLIANCE, INC., CA
[22] 2006-06-30
[41] 2007-01-12
[62] 2,896,897
[30] US (60/697,980) 2005-07-12
[30] US (11/415,229) 2006-05-02

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HILDEBRAND, GINGER VINYARD 2,959,498
HILER, RACHEL MARIE 2,959,188
HILER, RACHEL MARIE 2,959,190
HILL, DALE 2,953,700
HILLIER, SHAWN 2,959,726
HINATA, YU 2,959,293
HINOJOSA, CHRISTOPHER DAVID 2,955,172
HIRABAYASHI, MITSUHIRO 2,959,704
HIROTA, YOSHIAKI 2,959,470
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,959,474
HO, COLIN 2,959,445
HOCH, LARRY E. 2,955,376
HOCH, RICHARD 2,959,027
HOCK, BJOERN 2,953,714
HOECHSMANN, RAINER 2,958,733
HOECHSMANN, RAINER 2,958,945
HOEG, JESPER 2,956,415
HOFFMAN, ADAM ROTHSCHILD 2,956,574
HOGERVORST, WIM THEODORUS 2,954,329
HOHULIN, SCOTT 2,959,192
HOLM, NIELS ERIK 2,955,894
HOLSTEGE, CODY JAY 2,959,543
HOLZHERR, RAPHAEL 2,955,435
HOLZHERR, RAPHAEL 2,955,437
HOLZINGER, DIETER 2,956,678
HOMSY, GEORGE EDWARD 2,959,008
HONEYWELL INTERNATIONAL INC. 2,959,412
HORSCH MASCHINEN GMBH 2,956,343
HORSCH, PHILIPP 2,956,343
HORSLEY, HELEN TRACEY 2,951,349
HORWELL, MARK GRAHAM 2,959,322
HOSLER, TRAVIS JUSTIN 2,955,496
HOSOE, SHINTARO 2,959,358
HOSSEINAEI, OMID 2,959,384
HOWARTH, M. SCOTT 2,959,319
HOWELL, STEVEN ALAN 2,959,496
HOWORKA, STEFAN 2,959,220
HSIAO, ALEXANDER 2,950,335
HSIEH, HSIN-KANG 2,956,550
HU, HAO 2,959,455
HUANG, CHANGZHENG 2,959,458
HUANG, QIUYA 2,951,349
HUAWEI TECHNOLOGIES CO., LTD. 2,959,455
HUBER, LISA 2,958,733
HUEGEL, JULIANNE 2,959,624
HUFFER, NICOLE A. 2,954,161
HUGHES, PAUL SHANE 2,953,671
HUGHES, ROBERT 2,957,486
HUH, YONG-MIN 2,958,586
HUNT, DAVE 2,951,440
HUNTER, JOHN M. 2,959,589
HUR, NAM-HO 2,958,252
HUROWITZ, STEFANIE 2,959,159
HUSMANN, BEN 2,959,521
HYGRO INTERNATIONAL PTY LIMITED 2,959,442
ICHIKAWA, YASUSHI 2,958,708
IDA, KIYONOBU 2,959,294
IDEAL INDUSTRIES, INC. 2,959,481
IGLESIAS BALLESTER, MIGUEL ANGEL 2,959,228
IHI CORPORATION 2,959,569
IKUJI, MASAKI 2,959,473
IKUJI, MASAKI 2,959,479
ILIYAS, ABDULJELIL 2,950,247
ILLINOIS TOOL WORKS INC. 2,955,970
ILLUMINA, INC. 2,950,335
ILLUMINA, INC. 2,953,791
IMI, ATTILIO 2,958,796
INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION 2,959,189
INDOOR FARMS OF AMERICA, LLC 2,959,500
INGBER, DONALD E. 2,955,172
INNOSENSE LLC 2,959,516
INTEL IP CORPORATION 2,958,300
INTELLIGRATED HEADQUARTERS LLC 2,959,343
INVESTIGACION APLICADA, S.A. DE C.V. 2,956,291
INZE, DIRK GUSTAAF 2,954,201
ISAACS, WILLIAM 2,959,336
ISANGULOV, RUSTAM 2,959,497
ISHIDA, YASUNOBU 2,959,476
ISHIHARA SANGYO KAISHA, LTD. 2,959,294
ISHII, YASUYUKI 2,959,477
ISHIMOTO, HIDEFUMI 2,959,474
J, RAMYA 2,959,292
JACOBS, DOROTHEE 2,953,644
JACOBS, MICHAEL 2,958,776
JACOBS, MOISES 2,959,519
JAECKLEIN, WILLIAM JOSEPH 2,956,572

JAFFRI, REHAN K. 2,958,184
JAFTA, CHARL JEREMY 2,953,296
JAIN, SATISH KUMAR 2,956,831
JAMES, KRISTIN E. 2,959,621
JAMES, OLLIE M. 2,952,237
JAMES, TIMOTHY W. 2,959,621
JANDA, CLAUDIA YVONNE 2,959,045
JANG, EUNJI 2,958,586
JANSSEN PHARMACEUTICA NV 2,956,550
JAPAN LIFELINE CO., LTD. 2,959,484
JARRIAULT, MARINE 2,955,568
JARRIAULT, MARINE 2,955,573
JARRIAULT, MARINE 2,956,345
JASRA, RAKSH VIR 2,959,591
JAUFFRET, MICHEL 2,953,471
JAVANMARDI, BEHNAM 2,950,335
JAYASINGHE, LAKMAL 2,959,220
JEAN-TIEN 2,956,535
JEFFREY, SCOTT 2,959,424
JENTZ, HENRIC 2,955,496
JIA, MING 2,959,455
JIA, ZHAOZHONG J. 2,959,602
JIANG, CHUN 2,940,269
JIANG, QI 2,959,191
JIANG, WANCHAO 2,959,412
JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD. 2,959,194
JIANGSU SHENMA ELECTRIC CO., LTD. 2,959,558
JOCHNOWITZ, EVAN 2,955,429
JOGO YOSUKE 2,959,366
JOGO, YOSUKE 2,959,473
JOGO, YOSUKE 2,959,479
JOHANSSON-RUDEN, GUNILLA 2,951,442
JOHNSON & JOHNSON VISION CARE, INC. 2,959,494
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 2,951,917
JOHNSON, ERIC A. 2,959,436
JOHNSON, LESLIE S. 2,959,629
JOHNSON, PETER DAVID 2,959,501
JOHNSON, PETER DAVID 2,959,505
JOHNSON, PETER DAVID 2,959,533
JOHNSTON, SIMON 2,959,032
JONES, DAVID K. 2,959,543
JONES, JASON C. 2,959,490
JORQUERA, CARLOS 2,958,579
JOSHI, ANUPAM 2,959,155
JOYAL, JOHN 2,959,726
JOYNES, MARK ANDREW 2,956,462
JUENKE, MICHAEL 2,959,743
JUNG, LAWRENCE 2,959,312
JUNG, MICHAEL 2,959,553
KAISER, THOMAS MARKUS 2,956,818
KALFAGIANNIS, NIKOLAOS 2,956,557
KALUDOV, NICK 2,959,331
KANDULA, RAJESH KUMAR 2,959,379
KANG, BYUNGHOON 2,958,586
KANG, JONG 2,951,535
KANUGANTI, SUMAN 2,959,425
KAROUSSIS, MICHALIS 2,956,557
KARTEN, JOHANNES 2,953,675
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D 2,951,349
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D 2,951,419
KATRAVULAPALLI, VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY 2,959,591
KAUFMANN, GUNNAR F. 2,959,165
KAWASAKI, YUUKI 2,959,577
KAYAMA, YUZO 2,959,291
KAZMI, MUHAMMAD 2,957,765
KEENAN, MARTINE 2,959,440
KELLER, RUPRECHT 2,951,345
KELLUM, WILBUR JAMES III 2,956,613
KELLY, KEVIN 2,959,344
KELMAN, DAVID CLARK 2,956,660
KEMELMAN, YONATAN 2,959,608
KEMP, MATTHEW J. 2,957,663
KENG, KANG LIAT 2,955,435
KENNY, TIMOTHY 2,959,174
KEPPELER, KARL 2,956,923
KESAVAN, PARTHASARATHY 2,959,369
KESAVAN, PARTHASARATHY 2,959,379
KHAN, IRFAN 2,956,460
KHELIDJ, NADJET 2,956,700
KHERADPIR, LEILA 2,959,222
KHURANA, TARUN 2,950,335
KHURRAM, SHEHZADA 2,950,247
KIL, MYEONGCHEOL 2,951,768
KILDEGAARD, CASPER 2,956,415
KIM, EDWARD DONG-JIN 2,959,557
KIM, HEUNG-MOOK 2,958,252
KIM, HYUN-OUK 2,958,586
KIM, MIN SEOP 2,951,768
KING, ANDREW 2,959,162
KING, WILLIAM 2,959,159
KING, WILLIAM 2,959,162
KINLEN, PATRICK J. 2,956,322
KINOSHITA, MASAHIRO 2,959,451
KINOSHITA, MASAHIRO 2,959,475
KIRTON, ROBERT STUART 2,959,303
KISELYOV, ALEX 2,959,501
KISELYOV, ALEX 2,959,533
KITAZAWA, TAKEHISA 2,958,995
KLAUA, SVEN 2,958,733
KLAUA, SVEN 2,958,945
KLEIN, DEBORAH 2,959,399
KLEINFELD, JENS 2,956,526
KLIMOV, ALEKSEY IGOREVICH 2,959,466
KLINKER, ERIC J. 2,951,877
KLIPFEL, YORICK 2,955,568
KLIPFEL, YORICK 2,955,571
KLIPFEL, YORICK 2,955,573
KLIPFEL, YORICK 2,955,580
KLONOWSKI, THOMAS 2,956,697
KNIGHT, SEAN PAUL 2,959,315
KNOWLTON, EDWARD 2,959,512
KOEPPEL, ADAM R. 2,959,344
KOHAR, RICHARD 2,959,300
KOHNZ, HARALD 2,952,237
KOJIMA, EIICHI 2,959,293
KOLBASA, KAREN P 2,951,532
KOLYRIS, ANGELOS 2,955,429
KOMATSU LTD. 2,959,480
KOMURO, MASAYASU 2,959,291
KONDASH, JOSEPH 2,959,403
KONDO, KEIICHI 2,959,468
KORKUSUZ, NURI GOKHAN 2,959,248
KORTENBACH, JUERGEN A. 2,959,138
KOTOVSKY, WAYNE 2,959,497
KOTOVSKY, WAYNE 2,959,498
KOYANAGI, KIMIYUKI 2,959,451
KOYANAGI, KIMIYUKI 2,959,475
KRAFT FOODS GROUP BRANDS LLC 2,953,828
KRAUS, PAUL R. 2,959,150
KREIS, WLADIMIR 2,956,481
KRIEGER, TOBIAS 2,956,526
KRIENKE, KENNETH A. 2,956,322
KRULLE, THOMAS MARTIN 2,959,501
KRULLE, THOMAS MARTIN 2,959,505
KRULLE, THOMAS MARTIN 2,959,531
KRUTYAKOV, YURIY ANDREEVICH 2,959,466
KUDRINSKIY, ALEKSEY ALEKSANDROVICH 2,959,466
KUJAWA, ANTHONY 2,959,321
KULL, A. CORBETT S. 2,959,764
KUMAR, AJAY 2,959,591
KUMAR, SANDEEP 2,959,646
KUMAR-SINGH, RAJENDRA 2,959,376
KUMARAN, SURJITH KUMAR 2,959,081
KUO, HSU-PING 2,956,550
KURARAY CO., LTD. 2,958,582
KURARAY CO., LTD. 2,959,366
KURARAY CO., LTD. 2,959,473
KURARAY CO., LTD. 2,959,479
KURIHARA, TAKESHI 2,959,480
KURITA, TAKANORI 2,959,295
KWINTER, SEAN 2,959,585
KWON, SUN-HYOUNG 2,958,252
KWON, YOUNG HOON 2,957,037
KYOWA HAKKO KIRIN CO., LTD. 2,959,358
LA VIT TECHNOLOGY, LLC 2,959,594
LA-Z-BOY INCORPORATED 2,959,598
LA-Z-BOY INCORPORATED 2,959,612
LAAKSONEN, LASSE JUHANI 2,959,450
LAAKSONEN, REIJO 2,951,578
LABBE, NICOLE 2,959,384
LAGREE TECHNOLOGIES, INC. 2,959,642
LAGREE, SEBASTIEN ANTHONY LOUIS 2,959,642
LAITRAM, L.L.C. 2,959,604
LAMBERT, SCOTT MICHAEL 2,955,949
LAMBERTH, CLEMENS 2,956,405
LANDMARK GRAPHICS CORPORATION 2,959,310
LANGE, KELD KNUT 2,959,371
LANIER, JERRY T. 2,956,435

LANT, NEIL JOSEPH 2,956,076
LAPOINTE, LARRY P. 2,959,612
LAROCHE, CHRISTOPHE R. 2,951,877
LASKE, ANDREAS 2,955,870
LASKE, ANDREAS 2,955,876
LAST-BARNEY, KATHLEEN 2,959,629
LASTER, SCOTT KENNEDY 2,956,660
LAU, WALTER 2,959,564
LAU, WILLIAM WAI-LEUNG 2,959,222
LAUBMEIER, PETER R. 2,959,357
LAVERACK, JOHN R. 2,959,594
LAVOIE, ALAIN 2,959,261
LAWLER, JUSTIN 2,959,441
LAWLESS, LAWRENCE M. 2,956,322
LAWSON, JOEL MICHAEL 2,959,303
LAYDEN, REGINALD WAYE 2,959,238
LAYDEN, REGINALD WAYE 2,959,240
LBP MANUFACTURING LLC 2,954,421
LE NY, JEAN-MARIE 2,956,049
LEADERER, DEREK 2,959,376
LEDINGHAM, MICHAEL 2,956,133
LEE, BONG SANG 2,951,768
LEE, BRIAN 2,959,445
LEE, BRIAN R. 2,959,604
LEE, JAE-YOUNG 2,958,252
LEE, JOSEPH MIN-HSIUN 2,952,811
LEHMANN MADSEN, KRISTIAN 2,956,415
LEIGH, KATHRYN ANN 2,956,572
LEITERITZ, NATHAN GERALD 2,955,970
LEKISPORT AG 2,956,481
LELY PATENT N.V. 2,956,520
LEVNER, DANIEL 2,955,172
LI, ALFRED 2,956,629
LI, BIN 2,959,682
LI, LIXIN 2,959,564
LI, SHENSHEN 2,959,027
LI, XIAOGANG 2,959,088
LI-COR, INC. 2,959,427
LIANG, BENJAMIN 2,959,312
LIANG, FEILONG 2,959,253
LIANG, XU 2,959,454
LIAR, AURELIA 2,956,740
LIEBER, BARUCH B. 2,956,923
LIEBERMAN, JUDY 2,959,386
LILLIESTRALE, RICHARD 2,954,204
LIN, DONG 2,959,458
LIN, LIN 2,958,225
LIN, YUN 2,959,412
LINCK, MARTIN B. 2,953,518
LING, YU-FANG 2,959,185
LIU, BING 2,959,747
LIU, DAVID 2,955,460
LIU, GUOHUA 2,959,251
LIU, GUOHUA 2,959,253
LIU, GUOHUA 2,959,255
LIU, JIANHONG 2,959,088
LIU, RENMAO 2,959,191
LIU, XIAOYAN 2,959,188
LIU, XIAOYAN 2,959,190
LIU, YI 2,959,331
LIVE2D INC. 2,959,309
LM WP PATENT HOLDING A/S 2,956,415
LO FORO, GIAN MATTEO 2,959,594
LOBSOR PHARMACEUTICALS AKTIEBOLAG 2,959,307
LOCHTEFELD, THOMAS J. 2,959,333
LOESCH VERPACKUNGSTECHNIK GMBH 2,956,542
LOGOTHETIDIS, STERGIOS 2,956,557
LONGO, PHILIPPE 2,954,344
LOUISIANA TECH RESEARCH CORPORATION 2,959,155
LU, CHANGXUE 2,959,336
LU, WEI-CHENG 2,959,508
LUBRIZOL ADVANCED MATERIALS, INC. 2,956,659
LUCIO DECANINI, EDUARDO 2,956,291
LUGININ, VALERIY 2,956,338
LUI, BONNY KAY 2,959,188
LUI, BONNY KAY 2,959,190
LUI, DOROTHY 2,959,236
LUKE, DUANE 2,959,253
LUMOS PHARMA, INC. 2,959,387
LUNDQUIST, PAUL 2,959,518
LUNDQUIST, RASMUS 2,955,894
LUO, JUN 2,959,336
LUO, LAIBIN 2,951,532
LUONG, NGUYEN DANG 2,954,104
LUTETIA 2,954,344
LUTTRELL, JASON 2,958,579
LUTTRELL, RYAN 2,958,579
LVOV, YURI 2,959,155
LYERLY, DAVID 2,959,537
LYONS, STEVE C. 2,952,237
M3AT SA 2,956,406
MA, BIN 2,959,558
MA, JIANGLEI 2,959,455
MACHIDA, MASAOMI 2,959,480
MACKUGLER, CAMERON 2,959,536
MACROGENICS, INC. 2,959,629
MADDALENI, ROMANO 2,956,342
MAGOON, JONATHAN PEARSON 2,958,552
MAGULURU, MADHUKAR 2,956,083
MAGULURU, MADHUKAR 2,956,142
MAIERHOFER, ANDREAS 2,956,484
MAK, SIU WAI JACKY 2,959,256
MAK, SIU WAI JACKY 2,959,277
MAKAL, UMIT G. 2,956,659
MANZUR BEDOYA, JUAN DAVID 2,955,568
MANZUR BEDOYA, JUAN DAVID 2,955,571
MANZUR BEDOYA, JUAN DAVID 2,955,573
MANZUR BEDOYA, JUAN DAVID 2,955,580
MARCOVECCHIO, ALAN 2,959,173
MARCOVECCHIO, ALAN 2,959,177
MARCOVECCHIO, ALAN 2,959,181
MARCOVECCHIO, ALAN 2,959,183
MARINO, TERESA L. 2,952,237
MARKER, TERRY L. 2,953,518
MARLIN, ARTHUR 2,959,159
MARLIN, ARTHUR 2,959,162
MAROSKE, RICHARD PAUL 2,959,180
MARSCHKE, BRYAN DUSTIN 2,955,970
MARSHALL, KEVIN 2,959,544
MARSHALL, NICHOLAS 2,959,508
MARTIN, DAVID GLEN 2,956,133
MARTIN, DAVID W. 2,959,500
MARTIN, JEREMY GRANT 2,956,574
MARTINOV, MARTIN 2,959,331
MASCHINENFABRIK KOPPERN GMBH & CO. KG 2,955,337
MASCHINENFABRIK LIEZEN UND GIESSEREI GES.M.B.H. 2,956,474
MASI, FRANCESCO 2,956,367
MASKELL, DAWN LOUISE 2,953,671
MASSE, JEAN-PHILIPPE 2,956,539
MASSENGALE, ROGER D. 2,959,330
MASTERWORK MACHINERY CO., LTD. 2,959,278
MASUDA MIKIO 2,959,366
MASUDA, KENICHI 2,959,477
MASUDA, TAKUYA 2,959,484
MATHESON, KENNETH L. 2,952,237
MATHIAS, GARY 2,951,923
MATHIS, JAMES E. 2,958,225
MATSUBARA, FUMIHIKO 2,959,295
MATSUDA, TAKAHARU 2,959,467
MATSUMOTO, RIKA 2,959,188
MATSUMOTO, RIKA 2,959,190
MATTHEW, SUSAN 2,953,574
MATTHEWS, EVAN J. 2,957,996
MATTHEWS, WARWICK 2,959,651
MAVROIDIS, CONSTANTINOS 2,956,557
MCCLUSKEY, ADAM 2,959,440
MCCREIGHT, ROBERT JOSEPH, JR. 2,954,977
MCDANIEL, CATO RUSSELL 2,959,581
MCDERMOTT, MARTINA 2,959,762
MCGEEHAN, SEAN 2,959,173
MCGEEHAN, SEAN 2,959,177
MCGEEHAN, SEAN 2,959,181
MCGEEHAN, SEAN 2,959,183
MCGRATH, DARACH 2,954,305
MCLEAN, DAVID 2,954,421
MCNEEL, THOMAS E. 2,956,449
MCNEIL, IAIN A. 2,959,321
MCPHERSON, DANIELLE 2,959,486
MEDA OTC AB 2,951,432
MEDA OTC AB 2,951,442
MEDHEKAR, ROHIT 2,953,574
MEDICI, VASCO 2,959,193
MEDLIN, MATTHEW J. 2,959,321
MEGSON, WILL 2,959,292
MEINDLHUMER, MARTIN 2,956,704
MELNYK, PATRICIA 2,951,438
MEMORIAL SLOAN KETTERING CANCER CENTER 2,959,356
MENARD, YVON 2,959,447
MERALI, REHMAN 2,959,445
MERCK PATENT GMBH 2,953,714
MERCK PATENT GMBH 2,956,540
MERCY, CECIL C. 2,952,237

MERLO, DONALD 2,959,646
METER, TJITZE 2,956,522
METRAN CO., LTD. 2,959,643
METTU, ANILKUMAR 2,959,591
METZ, FRANCOIS 2,951,594
METZ, REINHARD 2,923,273
MEYER, AARON DANIEL 2,956,792
MICCO, STEFANO 2,956,664
MICKELSON, WILLIAM 2,953,492
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,496
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,674
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,682
MIDDELSTADT, FALK 2,955,122
MIHARA, HISASHI 2,959,290
MIKELS-VIGDAL, AMANDA 2,951,535
MIKELSON, CHRISTOPHER SEARS 2,959,764
MINAMIDE ASAKO 2,959,366
MINESTO AB 2,959,539
MINISCALCO, WILLIAM J. 2,957,996
MINOR, DAVID J. 2,951,931
MINOR, PAUL N. 2,956,572
MISRA, KIRAN 2,959,710
MITCHELL, RUSSELL 2,959,319
MITCHELL, THOMAS 2,959,161
MITRY, MINA 2,959,445
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,959,476
MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD. 2,959,363
MITTAL, ARPIT 2,959,018
MITTAL, MILI 2,959,344
MITTAL, RAJAT 2,959,018
MITTERMAIER, STEPHANIE 2,953,644
MIZOGUCHI, HIROTAKA 2,959,188
MIZOGUCHI, HIROTAKA 2,959,190
MLECZKO, LESLAW 2,952,110
MOCKLER, TODD C. 2,954,172
MODDELMOG, GUENTER 2,956,540
MODINGER, JULIO ENRIQUE TRAUB 2,953,671
MODY, KAMLESH 2,959,489
MOEN, TERJE 2,959,502
MOGRIDGE, THOMAS RICHARD 2,956,244
MOLECULAR INSIGHT PHARMACEUTICALS, INC. 2,959,726
MONTAGNANI, FRANCO 2,956,342
MONTEMAGNO, CARLO DAVID 2,959,081
MONTES, CARLOS 2,959,155
MOODY, JAMES DANIEL 2,959,045
MOOG INC. 2,959,490
MOORE, JASON S. 2,956,460
MOORE, MICHAEL 2,959,430
MORALES GARZON, JOSE ANDRES 2,956,291
MORAO, INAKI 2,959,505
MORELLI, ROBERTO 2,956,342
MORIMOTO, KOICHI 2,959,275
MORIMOTO, KOICHI 2,959,276
MORIMOTO, KOICHI 2,959,438
MORIMOTO, KOICHI 2,959,439
MORISHITA, YOSHIHIRO 2,958,582
MORLEY, CATIE 2,959,494
MORPHPACKERS LTD. 2,956,133
MORRIS, RANDALL LEE 2,956,792
MORRIS-HIPKINS, STUART RAYMOND 2,956,660
MORRISSETTE, SYLVAIN 2,959,449
MORROW, TIMOTHY I. 2,955,381
MORTAZAVI, FARIBORZ 2,959,507
MORTEN, GLENN 2,957,995
MOSHOLDER, MICHAEL 2,956,572
MOTOROLA SOLUTIONS, INC. 2,958,225
MOUNTS, DEXTER JUNIOR 2,959,367
MOUNTS, DEXTER JUNIOR 2,959,618
MROZOWICZ, RICHARD ALAN 2,959,369
MROZOWICZ, RICHARD ALAN 2,959,379
MUCCI, DAVID 2,959,161
MUEGLITZ, CARSTEN 2,956,255
MUELLER, ALEXANDER 2,958,733
MUELLER, ALEXANDER 2,958,945
MULLEN, MICHAEL R. 2,959,399
MULPURI, RAO V. 2,959,408
MULTI-CHEM GROUP, LLC 2,959,311
MULTRUS, MARKUS 2,957,855
MURAKAMI, MASANAO 2,959,363
MURRAY, JOHN D. 2,959,342
MURRAY, WILSON B. 2,959,319
MUSER, ANDREW P. 2,956,572
MUSGRAVE, SCOTT A. 2,959,399
MUTTERLE, ANTONIO 2,949,219
MUYRIS, MICHIEL 2,956,286
MYR GMBH 2,959,465
NADASDI, TODD T. 2,955,376
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